



NPIC/MCI-1/61 June 1961

MISSION COVERAGE INDEX

#### MISSION G 3045 23 APRIL 1961



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AIR FORCE



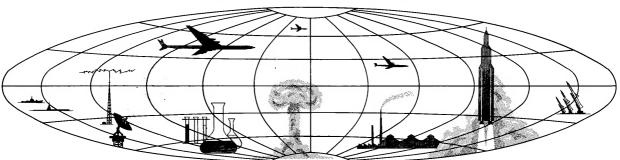
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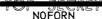
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MISSION COVERAGE INDEX

#### MISSION G 3045 23 APRIL 1961

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#### PREFACE

This Mission Coverage Index (MCI) furnishes a listing of intelligence targets covered by Mission G 3045. Items in the listing are arranged by (1) WAC area and (2) coordinates reading from South to North and from East to West. An explanation of column headings and photo reference data used in presenting the information is contained in the appendix.

For convenience of the user, a subject index to the intelligence targets has been included following the listing. Targets in the subject index are listed (1) by category and (2) alphabetically by place name within the category.

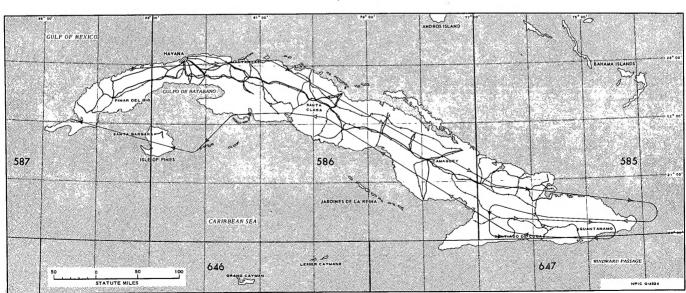
Mission G 3045 was accomplished on 23 April 1961, and covered portions of all five provinces of Cuba (see accompanying Flight-Line Trace). Among the major targets covered were Santiago de Cuba, the Guantanamo Bay area, Camaguey, Santa Clara, Cienfuegos, the Havana complex, Pinar del Rio, and the Isle of Pines.

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MISSION FLIGHT-LINE TRACE. This map shows the approximate track of Mission G 3045.

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City, Installation	Coordinates	WAC		on Numbers
	000141114143	"70	BE	NPIC
·				
GUANTANAMO AREA, MILITARY DEFENSES 5.5 NM ENE OF NE CORNER OF PERIMETER SECURITY FENCE OF GUANTANAMO NAVAL BASE. APPROXIMATELY 85 U/I UNOCCUPIED POSSIBLE WEAPONS POSITIONS IRREGULARLY SPACED ALONG TWO UNIMPROVED ROADS HEADING NE FROM ROUTE 6-10. POSITIONS ARE CIRCULAR CLEARED AREAS APPROXIMATELY 30 FT IN DIAMETER:	2001N 07459W	Ø585		32Î
for the first to the total on the				
SAN ANTONIO DEL SUR COMPLEX ROAD AND BRIDGE CONSTRUCTION IN PROGRESS IN AREA. HAZE PRECLUDES DETAILED ANALYSIS.	2003N 07449W	Ø585		84
BAITIQUIRI AREA, MINING ACTIVITY 4 NM NNE OF BAITIQUIRI. OPEN PIT MINING. EXPLORATORY SCARS EXTEND SEVERAL MILES EAST OF MINES.	2004N 07450W	Ø585		ŔÅ
IMIAS AREA, LANDING STRIP  1 NM NNE OF IMIAS. 3,000 X 150 FT NNW/SSE  DIRT RUNWAY HAS BEEN TRENCHED, NOT  SERVICEABLE. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2005N 07437W	Ø585 -		35
BAITIQUIRI AREA; LANDING STRIP 7.5 NM NNE OF BAITIQUIRI. 3,100 X 40 FT NNE/SSW DIRT RUNWAY. SERVICEABLE FOR LIGHT AIRCRAFT. NOT IN ASSOTW. AIRCRAFT NONE.	2009N 07451W	Ø585		8Ċ
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City, Installation	Coordinates	WAC	Installation	
Chy, installation	550,1		BE	NPIC
SANTIAGO DE CUBA, PROBABLE AAA SITE 1.5 NM WEST OF SOUTH END OF AIRFIELD, AT SANTIAGO DE CUBA, 7 OCCUPIED LIGHT AA POSITIONS SCATTERED IN AN OPEN FIELD, VEHICLES 3 TRUCKS, ONE POSSIBLE CONTROL VAN.	2000N 07550W	Ø585		76C
SANTIAGO DE CUBA AREA; CEMENT PLANT 1.9 NM SW OF SANTIAGO DE CUBA; LIMESTONE QUARRIES; LARGE PROCESSING BUILDING; 17 SMALLER ASSOCIATED BUILDINGS; 10 STORAGE SILOS; 8 STORAGE TANKS ALONGSIDE WHARF; RAIL & WATER SERVED; VESSELS — ONE 260-FT FREIGHTER; ONE BARGE; ONE LARGE FLOATING CRANE;	2000N 07551W	Ø585		760
SANTIAGO DE CUBA AREA; OIL REFINERY 3 NM WSW OF SANTIAGO DE CUBA; FACILITIES INCLUDE 34 STORAGE TANKS; RAIL AND WATER SERVED;	2000N 07552W	Ø585		76H
SANTIAGO DE CUBA, MILITARY CAMP CENTER OF CITY, 1 LARGE BUILDING WITH 6 WINGS, 4 OTHER LARGE BUILDINGS, 20 PROBABLE BARRACKS.	2001N 07549W	Ø585	÷	76B
SANTIAGO DE CUBA, PORT FACILITIES  WEST SIDE OF SANTIAGO DE CUBA;  NUMEROUS PIERS AND OTHER HANDLING  FACILITIES. RAIL SERVED.  VESSELS — AT MALECON TERMINAL, ONE  FREIGHTER, 500 FT. AT RAILROAD QUAYS—ONE  SMALL SHIP, 160 FT. AT BUENA VISTA—ONE	2001N 07550W	Ø585	-	76
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City, Installation	Coordinates	WAC	Installation Numb		
	000141114103		BE	NPIC	
TANKER \$ 290 FT \$ AND ONE FREIGHTER \$ 265 FT \$ VEHICLES/EQUIPMENT AT MALECON TERMINAL APPROXIMATELY 121 BOXCARS AND 10 TANK CARS \$ AT RAILROAD QUAY AREA 3 PASSENGER CARS \$ 40 TANK CARS AND 80 BOXCARS \$		·			
SANTIAGO DE CUBA, POWER PLANT SOUTHWEST EDGE OF SANTIAGO DE CUBA. LARGE POWER PLANT WITH TRANSFORMER HOUSE, 3 LARGE STORAGE TANKS, 2 SMALL PROBABLE COOLING TANKS, 2 SUBSTATIONS/SWITCHING YARDS, ASSOCIATED PIER AND WHARF. VESSELS NONE.	2001N 07550W	Ø585		76D	
SANTIAGO DE CUBA SEAPLANE STATION SW EDGE OF TOWN. NO APPARENT ACTIVITY. LISTED IN-ASSOTW; VOL 6; JAN 59. AIRCRAFT NONE.	2001N 07550W	Ø585		76F	
SANTIAGO DE CUBA, MICROWAVE SITE  JUST EAST OF UNIVERSITY.  TOWER AND ASSOCIATED SMALL BUILDING.	2001N 07550W	Ø585		76Ġ	
SANTIAGO DE CUBA, POL STORAGE (TEXACO)  CENTRALLY LOCATED ON POL STORAGE QUAY  IN PORT AREA. 6 STORAGE TANKS OBSERVED.  RAIL SERVED.	2001N 07550W	Ø585		76M	
SANTIAGO DE CUBA, NAVAL STATION SW EDGE OF SANTIAGO DE CUBA, ON EAST SHORE OF BAHIA DE SANTIAGO DE CUBA. STATION CONSISTS OF 15 FAMILY QUARTERS— TYPE BUILDINGS ALONG EASTERN EDGE OF BASE.	2001N 07550W	Ø585		76\$	

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ONE LARGE DORMITORY-ADMINISTRATIVE TYPE BUILDING, ONE LARGE RECTANGULAR BUILDING, AND FOUR SHOP/SUPPORT BUILDINGS, NO DEFENSES NOTEO.  VESSELS — ONE PATROL VESSEL, 2 CUTTERS, ONE TUG, ONE SMALL CRAFT.  SANTIAGO DE CUBA COMPLEX PORT AND TRANSSHIPMENT COMPLEX, APPROXIMATELY 3 SQUARE MILES IN AREA, CONTAINING MILITARY UNITS, PORT FACILITIES, RAIL TRANSSHIPMENT YARD, POL STORAGE, OIL REFINERY, CEMENT PLANT, POWER PLANT, RADIO COMMUNICATIONS FACILITIES, AIRFIELD ON NW EDGE OF SANTIAGO DE CUBA, ONE SERVICEABLE 3200 X 70 FT NNW/SSE DIRT RUNWAY, ONE ABANDONED E/W RUNWAY CUT BY TRENCHES AND OCCUPIED BY TENTS, APPARENTLY FOR TROOP TRAINING, ONE LARGE HANGAR AND 5 ASSOCIATED BUILDINGS, NOT LISTED IN ASSOTW. AIRCRAFT — NONE.  SANTIAGO DE CUBA, POL STORAGE (SHELL) NORTH END OF HARBOR. THE 5 STORAGE TANKS WERE RAIL SERVED.	City Lead Heating	Coordinates	WAC	Installatio	n Numbers
BUILDING, ONE LARGE RECTANGULAR BUILDING, AND FOUR SHOP/SUPPORT BUILDINGS. NO DEFENSES NOTED.  VESSELS — ONE PATROL VESSEL, 2 CUTTERS, ONE TUG, ONE SMALL CRAFT.  SANTIAGO DE CUBA COMPLEX PORT AND TRANSSHIPMENT COMPLEX, APPROXIMATELY 3 SQUARE MILES IN AREA, CONTAINING MILITARY UNITS, PORT FACILITIES, RAIL TRANSSHIPMENT YARD, POL STORAGE, OIL REFINERY, CEMENT PLANT, POWER PLANT, RADIO COMMUNICATIONS FACILITIES, 2 AIRFIELDS, AAA SITES, OTHER INDUSTRIES, MINING ACTIVITY,  SANTIAGO DE CUBA, AIRFIELD ON NW EDGE OF SANTIAGO DE CUBA, ONE SERVICEABLE 3200 X 70 FT NNW/SSE DIRT RUNWAY, ONE ABANDONED E/W RUNWAY CUT BY TRENCHES AND OCCUPIED BY TENTS, APPARENTLY FOR TROOP TRAINING, ONE LARGE HANGAR AND 5 ASSOCIATED BUILDINGS, NOT LISTED IN ASSOTW, AIRCRAFT — NONE,  SANTIAGO DE CUBA, POL STORAGE (SHELL) NORTH END OF HARBOR, THE 5 STORAGE TANKS REPORTED FROM HAVE BEEN	City, Installation	Coordinates	"AC	BE	NPIC
PORT AND TRANSHIPMENT COMPLEX, APPROXIMATELY 3 SQUARE MILES IN AREA, CONTAINING MILITARY UNITS, PORT FACILITIES, RAIL TRANSHIPMENT YARD, POL STORAGE, OIL REFINERY, CEMENT PLANT, POWER PLANT, RADIO COMMUNICATIONS FACILITIES, 2 AIRFIELDS, AAA SITES, OTHER INDUSTRIES, MINING ACTIVITY,  SANTIAGO DE CUBA, AIRFIELD ON NW EDGE OF SANTIAGO DE CUBA, ONE SERVICEABLE 3200 X 70 FT NNW/SSE DIRT RUNWAY, ONE ABANDONED E/W RUNWAY CUT BY TRENCHES AND OCCUPIED BY TENTS, APPARENTLY FOR TROOP TRAINING, ONE LARGE HANGAR AND 5 ASSOCIATED BUILDINGS, NOT LISTED IN ASSOTW, AIRCRAFT NONE,  SANTIAGO DE CUBA, POL STORAGE (SHELL) NORTH END OF HARBOR, THE 5 STORAGE TANKS REPORTED FROM HAVE BEEN	BUILDING, ONE LARGE RECTANGULAR BUILDING, AND FOUR SHOP/SUPPORT BUILDINGS, NO DEFENSES NOTED. VESSELS — ONE PATROL VESSEL, 2 CUTTERS,				
PORT AND TRANSSHIPMENT COMPLEX, APPROXIMATELY 3 SQUARE MILES IN AREA, CONTAINING MILITARY UNITS, PORT FACILITIES, RAIL TRANSSHIPMENT YARD, POL STORAGE, OIL REFINERY, CEMENT PLANT, POWER PLANT, RADIO COMMUNICATIONS FACILITIES, 2 AIRFIELDS, AAA SITES, OTHER INDUSTRIES, MINING ACTIVITY,  SANTIAGO DE CUBA, AIRFIELD ON NW EDGE OF SANTIAGO DE CUBA, ONE SERVICEABLE 3200 X 70 FT NNW/SSE DIRT RUNWAY, ONE ABANDONED E/W RUNWAY CUT BY TRENCHES AND OCCUPIED BY TENTS, APPARENTLY FOR TROOP TRAINING, ONE LARGE HANGAR AND 5 ASSOCIATED BUILDINGS, NOT LISTED IN ASSOTW, AIRCRAFT NONE.  SANTIAGO DE CUBA, POL STORAGE (SHELL) NORTH END OF HARBOR, THE 5 STORAGE TANKS REPORTED FROM HAVE BEEN	SANTIAGO DE CUBA COMPLEY	2001N 07553W	Ø585		76L
ON NW EDGE OF SANTIAGO DE CUBA.  ONE SERVICEABLE 3200 X 70 FT NNW/SSE DIRT RUNWAY. ONE ABANDONED E/W RUNWAY CUT BY TRENCHES AND OCCUPIED BY TENTS, APPARENTLY FOR TROOP TRAINING. ONE LARGE HANGAR AND 5 ASSOCIATED BUILDINGS. NOT LISTED ÎN ASSOTW. AIRCRAFT NONE.  SANTIAGO DE CUBA, POL STORAGE (SHELL) NORTH END OF HARBOR. THE 5 STORAGE TANKS REPORTED FROM HAVE BEEN	PORT AND TRANSSHIPMENT COMPLEX, APPROXIMATELY 3 SQUARE MILES IN AREA, CONTAINING MILITARY UNITS, PORT FACILITIES, RAIL TRANSSHIPMENT YARD, POL STORAGE, OIL REFINERY, CEMENT PLANT, POWER PLANT, RADIO COMMUNICATIONS FACILITIES, 2 AIRFIELDS, AAA				± 100 m
ON NW EDGE OF SANTIAGO DE CUBA.  ONE SERVICEABLE 3200 X 70 FT NNW/SSE DIRT RUNWAY. ONE ABANDONED E/W RUNWAY CUT BY TRENCHES AND OCCUPIED BY TENTS, APPARENTLY FOR TROOP TRAINING. ONE LARGE HANGAR AND 5 ASSOCIATED BUILDINGS. NOT LISTED ÎN ASSOTW. AIRCRAFT NONE.  SANTIAGO DE CUBA, POL STORAGE (SHELL) NORTH END OF HARBOR. THE 5 STORAGE TANKS REPORTED FROM HAVE BEEN	Lines Anna Ser Inde				
AIRCRAFT NONE.  SANTIAGO DE CUBA, POL STORAGE (SHELL)  NORTH END OF HARBOR.  THE 5 STORAGE TANKS REPORTED FROM  HAVE BEEN	ON NW EDGE OF SANTIAGO DE CUBA. ONE SERVICEABLE 3200 X 70 FT NNW/SSE DIRT RUNWAY. ONE ABANDONED E/W RUNWAY CUT BY TRENCHES AND OCCUPIED BY TENTS, APPARENTLY FOR TROOP TRAINING. ONE LARGE HANGAR AND 5 ASSOCIATED BUILDINGS. NOT LISTED IN	2002N 07550W	Ø585		76E
NORTH END OF HARBOR • THE 5 STORAGE TANKS REPORTED FROM HAVE BEEN					
	NORTH END OF HARBOR • THE 5 STORAGE TANKS REPORTED FROM HAVE BEEN	2002N 07550W	Ø585		76J

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SANTIAGO DE CUBA; POL STORAGE (ESSO) NORTH END OF HARBOR: 12 STORAGE TANKS: SERVED BY RAIL AND ONE WHARF.		2002N	Ø <b>75</b> 5ØW	Ø585		76K
VESSELS FREIGHTER, 480 FT, AT WHARF.  SANTIAGO DE CUBA AREA, RADIO STATION  1 NM SW OF SANTIAGO DE CUBA AIRFIELD.  ONE SELF-SUPPORTING LATTICE TOWER AND ONE CONTROL BUILDING OBSERVED.	7	2ØØ2N	Ø7551W	Ø5.85		76N
EL COBRE AREA, COPPER MINE AND MILL IMMEDIATELY EAST OF EL COBRE. LARGE OPEN-PIT MINE. ONE LARGE PROCESSING BUILDING AND 8 ASSOCIATED BUILDINGS, ROAD SERVED.		2ØØ3N	Ø7556W	Ø585		25
OS CANOS AIRFIELD  4 NM SE OF GUANTANAMO CITY.  8,100 X 150 FT NNE/SSW CONCRETE RUNWAY.  SERVICEABLE. LISTED IN ASSOTW. VOL 6.  NOV 58.  AIRCRAFT - NONE.		2004N	Ø75Ø9W	Ø585	7.	41A
EL CANEY AREA, ROADBLOCK  2.8 NM NE OF EL CANEY.  SEVERAL TREES FELLED ACROSS ROUTE 6-39  AT SHARP CURVE.		2004N	Ø7544W	Ø585		1120
SANTIAGO DE CUBA AREA, RADIO STATION 4.4 NM NNW OF SANTIAGO DE CUBA.		2005N	Ø7551W	Ø585		76Q

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	000000000000000000000000000000000000000		BE	NPIC
GUYED LATTICE TOWER AND 2 BUILDINGS. STATION IS PROBABLY STANDARD BROADCAST FACILITY ASSOCIATED WITH 4 OTHER TOWERS LOCATED 2.3 NM ENE.				
VINCULO LANDING STRIP 7 NM WSW OF GUANTANAMO CITY. 3,000 X 220 FT NE/SW SOD RUNWAY, PROBABLY ABANDONED (UNSERVICEABLE). LISTED IN ASSOTW, VOL 6, JUL 59. AIRCRAFT NONE.	2006N 07521W	Ø585		82
EL CRISTO; MILITARY DEFENSES  OVERLOOKING A ROAD IMMEDIATELY SOUTH  OF EL CRISTO; AT 20-06-20N 75-45-05W.  ONE POSSIBLE LIGHT ARTILLERY PIECE;  TRENCHWORKS; 2 UNOCCUPIED VEHICLE  EMPLACEMENTS.	2006N 07545W	Ø585		65A
EL CANEY AREA, MILITARY DEFENSES  3.5 NM NE OF SANTIAGO DE CUBA. STRONGPOINT, LOCATED ATOP LOMAS DEL CRISTO, 2.7 NM NNW OF EL CANEY, CAN CONTROL JUNCTION OF ROUTES 6-33 AND 6-37, 1.7 NM SE. STRONGPOINT CONSISTS OF ONE OCCUPIED ARTILLERY EMPLACEMENT, AN INNER AND AN OUTER PERIMETER TRENCH SYSTEM, AND SEVERAL SMALL BUILDINGS.	2006N 07547W	Ø585		112
SANTIAGO DE CUBA AREA; RADIO STATION 4.6 NM NORTH OF SANTIAGO DE CUBA; .8 NM NORTHWEST OF BONIATO PRISON; FOUR FENCE-SECURED AREAS ALIGNED ALONG E/W DIRT ROAD; EASTERNMOST AREA CONTAINS	2006N 07549W	Ø585		76R

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City, Installation	Coordinates	WAC		on Number:
A GUYED TOWER AND 3 SMALL BUILDINGS.		1	RE	NPIC
OTHER 3 AREAS EACH CONTAIN A GUYED TOWER AND ONE BUILDING.				
EL CRISTO AREA; MINING ACTIVITY 2 NM EAST OF EL CRISTO; OPEN-PIT MINING, PROCESSING PLANT AND RAIL SPUR HAVE BEEN REMOVED;	2007N 07543W	Ø58 <b>5</b>		65
GUANTANAMO AREA; SUGAR MILL  3 NM EAST OF GUANTANAMO; ONE LARGE PROCESSING BUILDING AND 10 ASSOCIATED BUILDINGS; RAIL SERVED; ONE SILO;	2008N 07509W	Ø58 <b>5</b>		74
EL CRISTO AREA, ALGODONAL SUGAR MILL 2 NM NNE OF EL CRISTO. ONE LARGE PROCESSING BUILDING, 8 SMALLER ASSOCIATED BUILDINGS, ONE MEDIUM STORAGE TANK, COOLING POND. RAIL SERVED.	2008N 07544W	Ø585	-	1
EL CRISTO AREA, MILITARY DEFENSES  2.5 NM NW OF EL CRISTO.  10 AUTOMATIC WEAPONS POSITIONS LOCATED ON W SIDE OF ROUTE 6-53, OCCUPANCY UNDETERMINED.	2008N 07548W	Ø585		65B
GUANTANAMO , POL STORAGE  EAST EDGE OF GUANTANAMO , 2 STORAGE TANKS ,  RAIL SERVED ,	2009N 07512W	Ø585		320
GUANTANAMO COMPLEX 3 SQUARE MILES IN AREA.	2009N 07513W	Ø585		32E

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City, Installation	Coordinates	WAC		n Numbers
	Coordinates		BE	NPIC
TRANSPORTATION AND COMMERCIAL CENTER. RAILROAD REPAIR YARD, APPROXIMATELY 5 TRACKS WIDE.  ROMELIE, SUGAR MILL NW EDGE OF ROMELIE. ONE LARGE PROCESSING BUILDING AND 3 ASSOCIATED BUILDINGS, RAIL SERVED. (DESCRIPTION FROM HAZE PRECLUDES DETAILED ANALYSIS FROM MISSION	2010N 07505W	Ø585		67
SOCORRO, MILITARY DEFENSES 2 NM W OF LA MAYA. AT LEAST 6 TRENCHES AT W EDGE OF SOCORRO.	2010N 0.7541W	Ø58 <b>5</b>		114
ALTO SONGO, MILITARY ACTIVITY  ENCIRCLING TOWN OF ALTO SONGO, INFANTRY-TYPE TRENCHWORKS.	2010N 07543W	Ø585		110
SAN ANTONIO: SUGAR MILL WEST EDGE OF SAN ANTONIO: ONE LARGE PROCESSING BUILDING AND 5 ASSOCIATED BUILDINGS: RAIL SERVED:	2011N 07503W	Ø585		69
BAIRE AREA; ERMITA SUGAR MILL  1 NM SE OF BAIRE.  ONE LARGE PROCESSING BUILDING,  APPROXIMATELY 5 ASSOCIATED BUILDINGS;	2011N 07525W	Ø585		7
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City, installation	Coordinates	",,,,	₽E	NPIC
2 STORAGE TANKS. RAIL SERVED.  BALTONY, SUGAR MILL SE EDGE OF BALTONY. ONE LARGE PROCESSING BUILDING, 5 ASSOCIATED BUILDINGS, 6 STORAGE TANKS. RAIL SERVED.	2011N 07530W	Ø585		39
ESPERANZA SUGAR MILL CENTER OF ESPERANZA ONE LARGE BUILDING AND 5 ASSOCIATED BUILDINGS RAIL SERVED SIX STORAGE TANKS	2012N 07510W	Ø585		27
DOS CAMINOS AREA, BORJITA SUGAR MILL  1 NM N OF DOS CAMINOS.  ONE LARGE PROCESSING BUILDING, 5 SMALLER ASSOCIATED BUILDINGS, 7 STORAGE TANKS,  COOLING POND. RAIL SERVED.	2012N 07547W	Ø585		24
ISABEL SUGAR MILL SW EDGE OF ISABEL. ONE LARGE PROCESSING BUILDING AND 6 ASSOCIATED BUILDINGS, ONE STORAGE TANK. RAIL SERVED.	2013N 07508W	Ø585		36
SOLEDAD, SUGAR MILL  CENTER OF SOLEDAD. TWO LARGE PROCESSING BUILDINGS AND 8 ASSOCIATED BUILDINGS, RAIL SERVED. ONE STORAGE TANK.	2013N 07514W	Ø585		78 ·

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City, Installation	Coordinates	WAC		n Numbers
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AUZA; SANTA ANA SUGAR MILL CENTER OF AUZA. ONE PROCESSING BUILDING; 3 WAREHOUSES; 4 ASSOCIATED BUILDINGS; 5 VERTICAL STORAGE TANKS; RAIL SERVED.	2015N 07553W	Ø585		4
PALMA SORIANO AREA; SUGAR MILL APPROX 1 NM NNW OF PALMA SORIANO. ONE PROCESSING BUILDING; 10 ASSOCIATED BUILDINGS; RAIL SERVED. 7 STORAGE TANKS.	2015N 07553W	Ø585		54
SANTA ANA LANDING STRIP  1 NM WEST OF AUZA. 1,700 X 100 FT NW/SE  SOD RUNWAY; SERVICEABLE. LISTED IN ASSOTW;  VOL 6; JUL 59.  AIRCRAFT NONE.	2015N 07554W	Ø585		73
JAMAICA AREA, ROAD CONSTRUCTION 5 NM NE OF JAMAICA. DIRT ROAD CONNECTING VILLAGES OF EL PALMON AND SA TA RITA IS BEING EXTENDED 3 NM. (REFERENCE AMS MAP E723,5176I, 1ST ED, AUG 60.)	2016N 07506W	Ø585		242
MIRANDA; SUGAR MILL NORTH EDGE OF MIRANDA. ONE LARGE PROCESSING BUILDING AND 4 ASSOCIATED BUILDINGS; RAIL SERVED. 5 STORAGE TANKS.	2022N 07555W	Ø585		5Ø

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2023N 07553W	Ø585		5ØB	
2023N 07555W	Ø585	·	5ØA	
2025N 07531W	Ø585 <sub>.</sub>		918	
2025N 07531W	Ø585		91	
	2023N 07555W 2025N 07531W	2023N 07553W 0585  2023N 07555W 0585  2025N 07531W 0585	2023N 07553W 0585  2023N 07555W 0585  2025N 07531W 0585	

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City, Installation	Coordinates	WAC		n Numbers
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MAYARI ARRIBA AREA, CONSTRUCTION 2.2 NM NNE OF MAYARI ARRIBA. 7 COMPLETED BUILDINGS, AND 4 OTHER SMALL BUILDINGS. 4 BUILDINGS UNDER CONSTRUCTION, ONE OF WHICH IS U-SHAPED, AND 3 OTHER	2027N 07531W	Ø585		91A
POSSIBLE FOUNDATIONS FOR BUILDINGS. TOTAL OF 7 EXCAVATIONS AND 2 SMALL BUILDINGS .5 NM NORTHWEST OF CONSTRUCTION SITE. TRACK ACTIVITY LEADING TO WOODS EAST OF CONSTRUCTION SITE. DEFENSES 8 POSSIBLE LIGHT AAA POSITIONS, 3 APPEAR OCCUPIED. VEHICLES/EQUIPMENT ONE CRANE, 4 UNIDENTIFIED VEHICLES, AND ONE UNIDENTIFIED VEHICLE IN WOODS.				
SABANA; LANDING STRIP  JUST SOUTH OF SABANA.  2,000 X 70 FT NNE/SSW SOD RUNWAY.  APPEARS SERVICEABLE. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2027N 07558W	Ø585		107
CALABAZAS, AIRFIELD  •5 NM NORTH OF CALABAZAS•  1,000 X 45 FT NNE/SSW SOD RUNWAY; WITH 450 FT OVERRUN AT BOTH ENDS, SERVICEABLE FOR LIGHT AIRCRAFT•  3 T-SHAPED HANGARS AND ONE POSSIBLE HANGAR• NOT LISTED IN ASSOTW•	2028N 07522W	Ø585		86

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City, Installation	Coordinates	WAC		n Numbers
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AIRCRAFT - NONE.				
MAYARI ARRIBA AREA, NEW ROAD U/C ROAD BEGINS 7.9 NM NW OF MAYARI ARRIBA AT 20-29-30N 75-38-30W, AND GENERALLY FOLLOWS EXISTING TRACKS AND TRAILS SW TO ZAQUIRA (20-25-30N 75-41-30W). ROAD IS STILL UNDER CONSTRUCTION, BUT USABLE. PROBABLY WILL BE DRY WEATHER, LOOSE-SURFACE ROAD.	2030N 07539W	0585		91D
MAYARI ARRIBA AREA, PROB LANDING STRIP 7.9 NM NW OF MAYARI ARRIBA AT 20-29-30N 75-38-30W. 1,000-FT DIRT STRIP, ORIENTED NE/SW, SERVICEABILITY UNDETERMINED. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2030N 07539W	Ø585		91C
SAGUA DE TANAMO, PROBABLE AIRFIELD  EAST EDGE OF SAGUA DE TANAMO.  APPROXIMATELY 1000-FT NNE/SSW DIRT RUNWAY.  PROBABLY SERVICEABLE FOR LIGHT AIRCRAFT.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2035N 07514W.	Ø585		68A
NICARO AREA, NICKEL MINES 5 NM SW OF NICARO. LARGE OPEN-PIT MINE. APPROXIMATELY 15 BUILDINGS. RAIL SERVED.	2038N 07536W	Ø585	E (	52A

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City, Installation	Coordinates	WAC	Installatie BE	n Numbers NPIC
MAYARI AREA; AIRFIELD  1 NM W OF MAYARI. 2;800 X 100 FT NE/SW SOD RUNWAY; PROBABLY SERVICEABLE FOR LIGHT AIRCRAFT. ONE SUPPORT BUILDING. NOT LISTED IN ASSOTW.	2039N 07541W	Ø585		9ØÅ
AIRCRAFT NONE.  CAYO MAMBI, TANAMO SUGAR MILL  NORTH EDGE OF CAYO MAMBI.  ONE PROCESSING BUILDING, 5 ASSOCIATED  BUILDINGS, 7 STORAGE TANKS. RAIL SERVED.	2040N 07516W	0585		16
CAYO MAMBI; MILITARY DEFENSES  NORTH EDGE OF CAYO MAMBI; JUST SOUTH  OF TANAMO SUGAR MILL. 6 PERSONNEL TRENCHES.	2040N 07516W	Ø58 <b>5</b>		160
NICARO AREA: MILITARY DEFENSES  4 NM SW OF NICARO: EXTENSIVE DEFENSIVE ENTRENCHMENTS JUST EAST OF VILLAGE OF CATAMAYA: EXTENSIVE ENTRENCHMENTS ON NORTH SIDE OF FEDERAL ROUTE 6-53: JUST WEST OF ITS INTERSECTION WITH THE RAIL LINE FROM NICARO TO NICKEL MINES:	2040N 07536W	Ø585		4ØB
CAYO MAMBI AIRFIELD  •25 NM N OF CAYO MAMBI• 2,500 X 125 FT E/W  SOD RUNWAY• ONE SUPPORT BUILDING AT EAST  END OF LANDING STRIP• RUNWAY POSSIBLY  BEING SURFACED• LISTED IN ASSOTW•  VOL 6• JUL 59•  AIRCRAFT — NONE VISIBLE (SCATTERED	2041N 07515W	Ø585		16Å

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City, Installation Coordinates WAC BE NPIC CLOUDS PRECLUDE COMPLETE INTERPRETATION) . PUNTA GORDA AREA PORT FACILITIES •5 NM SOUTH OF PUNTA GORDA • 8Ø 2041N 07520W 0585 ONE PIER. ONE LARGE WAREHOUSE, ONE SMALL WAREHOUSE, 2 MOLASSES STORAGE TANKS. RAIL SERVED. VESSELS -- NONE. 111 2042N 07544W Ø585 PLAYA JUAN VICENTE, MILITARY DEFENSES IMMEDIATELY WEST OF TOWN OF PLAYA JUAN VICENTE . 5 NM SOUTHWEST OF PRESTON . TRENCHES EXTEND 2.000 FT ALONG SHORE OF BAHIA DE NIPE. 40 NICARO, PORT FACILITIES 2043N 07533W Ø585 NORTH EDGE OF NICARO. FIVE STORAGE TANKS. LONG PIER, PORTAL CRANE. 21 HORIZONTAL TANKS IN PORT AREA. RAIL SERVED. (DESCRIPTION FROM MISSION HEAVY CLOUDS PRECLUDE DETAILED ANALYSIS FROM VESSELS -- ONE 470-FT TANKER WITH 16 PROBABLE RAIL-CARS ON DECK. 55D 2043N 07540W Ø585 PRESTON AREA, MILITARY DEFENSES 3.5 NM SW OF PRESTON. EXTENSIVE DEFENSIVE ENTRENCHMENTS AND CREW-SERVED WEAPONS POSITIONS ASTRIDE NATIONAL ROUTE 6-77. SIX AUTOMATIC WEAPONS REVETMENTS 4 NM SW OF PRESTON ON WEST SIDE OF ROUTE 6-77.

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PRESTON AREA; STORAGE SITE  3.8 NM SW OF PRESTON.  SITE CONTAINS 12 WAREHOUSES AND  3 BUILDINGS U/C. ROAD SERVED.	2043N 07541W	Ø585		55E
PUNTA CARENERITO, PORT FACILITIES AT CARENERITO, SMALL PIER, ROAD AND	2044N 07528W	Ø585		64
RAIL SERVED.  VESSELS NONE VISIBLE (HEAVY CLOUDS PRECLUDE DETAILED INTERPRETATION).				
PRESTON AIRFIELD  1.5 NM SOUTH OF PRESTON:  4,000 X 120 FT NE/SW BLACKTOP RUNWAY;  SERVICEABILITY UNDETERMINED: (DESCRIPTION HEAVY  CLOUDS PRECLUDE DETAILED ANALYSIS FROM LISTED IN ASSOTW; VOL  6; NOV 59:  AIRCRAFT NONE DISCERNIBLE:	2044N 07540W	Ø585		55A
FELTON; ORE PROCESSING SOUTH SIDE OF FELTON.  PROCESSING AND SHIPPING FACILITIES PROBABLY SERVE MINES 13 NM SW OF FELTON. ONE SMELTER WITH 12 STACKS; APPROXIMATELY 10 ASSOCIATED BUILDINGS. 2 PIERS. (DESCRIPTION FROM SCATTERED CLOUDS PRECLUDE DETAILED ANALYSIS FROM	2045N 07535W	Ø585		29

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PRESTON, SUGAR MILL WEST EDGE OF PRESTON. TWO PROCESSING BUILDINGS AND 14 ASSOCIATED BUILDINGS, ROAD AND RAIL SERVED. SIX STORAGE TANKS.	2045N 07539W	Ø585		55	
PRESTON, POL STORAGE SOUTH EDGE OF PRESTON. TWO REVETTED STORAGE TANKS, 2 LARGE VERTICAL STORAGE TANKS, 2 SMALL VERTICAL STORAGE TANKS, ONE POSSIBLE HORIZONTAL TANK. RAIL SERVED.	2045N 07539W	Ø585	·	558	
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PRESTON, PORT FACILITIES NORTH EDGE OF PRESTON. ONE LARGE AND ONE SMALL PIER, RAIL SERVED. 6 STORAGE TANKS, 4 WAREHOUSES. VESSELS ONE 420-FT FREIGHTER, ONE BARGE. VEHICLES/EQUIPMENT AT LEAST 100 RAIL CARS IN PORT AREA.	2046N 07539W	Ø585		55C	
SAETIA, AIRFIELD  JUST EAST OF SAETIA. 2,800 X 50 FT NE/SW  SOD RUNWAY. 2,300 X 70 FT ENE/WSW RUNWAY,  PROBABLY STILL UNDER CONSTRUCTION.  NOT SERVICEABLE. NOT LISTED IN ASSOTW.	2047N 07534W	Ø585		93	

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City, Installation	Coordinates	WAC		n Numbers
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ANTILLA, PORT FACILITIES EAST, SOUTH, AND WEST SIDES OF ANTILLA. ONE DOCK, ONE PIER, 9 WARRHOUSES.	2049N 07544W	Ø585	,	2
RAIL SERVED. 7 STORAGE TANKS IN RAIL YARD. VESSELS ONE 250-FT POSSIBLE FRIGATE. ONE LIGHTER, ONE BARGE, NUMEROUS SMALL CRAFT (INCOMPLETE COVERAGE). VEHICLES/EQUIPMENT APPROXIMATELY 70 BOXCARS, 5 POSSIBLE TANK CARS (INCOMPLETE COVERAGE).				
ANTILLA, POL STORAGE SW EDGE OF ANTILLA. ONE VERTICAL STORAGE TANK. ROAD SERVED.	2049N 07544W	Ø585		2C
ANTILLA AREA, POL STORAGE (SINCLAIR)  1 NM EAST OF ANTILLA, 2 STORAGE TANKS,  ROAD SERVED.	2049N 07544W	Ø585		2D
ANTILLA SEAPLANE STATION  SE EDGE OF ANTILLA. LISTED IN ASSOTW,  VOL 6, JAN 61.  AIRCRAFT NONE.	2050N 07544W	Ø58 <b>5</b>		28
TACAJO AREA, SUGAR MILL  .5 NM E OF TACAJO. ONE LARGE PROCESSING BUILDING AND 8 ASSOCIATED BUILDINGS, 8 STORAGE TANKS. ROAD AND RAIL SERVED.	2051N 07557W	Ø585		79

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MACABI AREA, BOSTON SUGAR MILL SOUTH EDGE OF MACABI. ONE LARGE PROCESSING BUILDING AND 8 ASSOCIATED BUILDINGS, ROAD AND RAIL SERVED. ELEVEN STORAGE TANKS. (DESCRIPTION FROM MISSION HEAVY CLOUDS PRECLUDE DETAILED INTERPRETATION FROM	2054N 07543W	Ø585		42
MACABI; PORT FACILITIES  SE EDGE OF MACABI; ADJACENT TO BOSTON SUGAR MILL. ONE RAIL SERVED PIER. VESSELS ONE CARGO SHIP; APPROX 300 FT. (CLOUDS PRECLUDE FURTHER INTERPRETATION).	2054N 07543W	Ø585		42A
TACAJO AREA, MILITARY DEFENSES 7.5 NM NE OF TACAJO. EXTENSIVE TRENCH SYSTEM PROTECTING INTERSECTION OF NATIONAL ROUTES 6-53 AND 6-75.	2055N 07550W	Ø585		79A
MINAS DEL FRIO, POSSIBLE MILITARY CAMP  10.5 NM SSW OF ESTRADA PALMA.  NEW AREA UNDER CONSTRUCTION AT 20-00N  76-59W, WITH 35 COMPLETED BUILDINGS, 2  BUILDINGS UNDER CONSTRUCTION, AND 3  STORAGE BUILDINGS. ROAD CONSTRUCTION  ACTIVITY IN THE IMMEDIATE AREA.  (DESCRIPTION FROM  EXTREME OBLIQUITY PRECLUDES DETAILED  ANALYSIS FROM	2000N 07659W	Ø585		99
ESTRADA PALMA AREA, NEW HOUSING AREA 4 NM SSE OF ESTRADA PALMA. NEW HOUSING AREA (AMS SERIES E723,	2007N 07659W	Ø585	ECDET	99B

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City, Installation	Coordinates	WAC		n Numbers
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SHEET 4876III) CONSISTS OF 8 LARGE MULTISTORY APARTMENT—TYPE BUILDINGS, 15 DUPLEX—TYPE BUILDINGS, 9 LARGE BARRACK— TYPE BUILDINGS; FOOTINGS FOR ADDITIONAL NEW BUILDINGS; AND SEVERAL CONSTRUCTION SUPPORT—BUILDINGS.				
ZARZAL AREA, ESTRADA PALMA SUGAR MILL 1.6 NM SSW OF ZARZAL. ROAD AND RAIL SERVED. 1 MULTISECTIONAL MILL BUILDING WITH 1 STACK. 1 LARGE STORAGE BUILDING. APPROXIMATELY 7 OTHER SUPPORT BUILDINGS. 2 VERTICAL LIQUID STORAGE TANKS. PROBABLE CONVEYER GOING TO MATERIAL IN OPEN STORAGE.	2009N 07656W	Ø585		83
ESTRADA PALMA AREA, PROBABLE FIRING RANGE U/C 1.7 NM SW OF ESTRADA PALMA SUGAR MILL. PROBABLE RANGE COULD ACCOMMODATE RIFLES, AUTOMATIC WEAPONS, AND CREW-SERVED WEAPONS.	2009N 07659W	Ø585		99 <b>C</b>
SANTA ROSA, AIRFIELD  WESTERN EDGE OF SANTA ROSA. 1,700 X 50 FT  ENE/WSW SOD RUNWAY, APPEARS ABANDONED,  RETURNING TO CULTIVATION. ONE HANGAR.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2010N 07646W	Ø585 <sup>°</sup>		98
ESTRADA PALMA AREA, ROAD CONSTRUCTION ROAD UNDER CONSTRUCTION FROM THE SOUTH EDGE OF ESTRADA PALMA, RUNNING SSW TO 22-04N 76-59W, ROAD WILL BRANCH AT THIS POINT, WITH ONE BRANCH LEADING	2010N 07657W	Ø585	ECDET	99A

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City, Installation	Coordinates	WAC		n Numbers
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SSE TO MINAS DEL FRIO POSSIBLE MILITARY CAMP (20-00N 76-59W) AND THE OTHER BRANCH CONTINUING SSW TO SAN LORENZO (20-01N 77-01W). ROAD WILL BE ALL-WEATHER, LOOSE SURFACE, 2 OR MORE LANES. REFERENCE AMS MAPS, SERIES E-723, SHEETS 4776 II AND III, 1ST-ED, 1960.				
PALMA SORIANO COMPLEX APPROXIMATELY 2 SQUARE MILES IN AREA. AREA IS LARGELY RESIDENTIAL WITH MINOR INDUSTRIES AND MARSHALLING YARD. ROAD AND RAIL SERVED.	2013N 07600W	Ø58 <b>5</b>		54Å
YARA AREA; LANDING STRIP 7 NM SOUTHEAST OF YARA AT CANABACOA: 1,400 X 90 FT NE/SW SOD RUNWAY; SERVICEABLE: AIRCRAFT ONE LIAISON TYPE:	2013N 07650W	Ø585		97B
PALMA SORIANO AREA, LANDING STRIP  1.2 NM NW OF PALMO SORIANO. 3,000 X 100 FT  NW/SE SOD RUNWAY, SERVICEABLE.  NOT LISTED IN ASSOTW.  AIRCRAFT 1 C-47.	2014N 07600W	Ø585		54C
YARA AREA; ORE PROCESSING INDUSTRY 2 NM SSW OF YARA. ORE-PROCESSING BUILDING WITH ADJACENT WASTE PILE. ROAD SERVED.	2014N 07657W	Ø585		97C
CHARCO REDONDO; MINING & MILLING IMMEDIATELY NORTH; EAST AND SOUTH OF	2016N 07625W		ECRET	18

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City, Installation	Coordinates	WAC		n Numbers
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CHARCO REDONDO. EXTRACTION AND PRELIMINAR' PROCESSING. SEVERAL SMALL BUILDINGS. ROAD SERVED.				
BAIRE AREA, LANDING STRIP  3 NM SW OF BAIRE.  1,800 X 70 FT NNW/SSE DIRT RUNWAY,  APPEARS SERVICEABLE. NOT LISTED IN ASSOTW  AIRCRAFT NONE.	2Ø17N Ø7623W	Ø585		7A
GUISA AREA; AIRFIELD U/C 3.6 NM NW OF GUISA. 4,400 X 105 FT WNW/ESE RUNWAY; NEARING COMPLETION (3 PIECES OF EQUIPMENT OILING RUNWAY). APPROXIMATELY 20 BUILDINGS ALONG EDGE OF WOODS ON NORTH BANK OF ARROYO CUPEINICU. AIRCRAFT — NONE. DEFENSES — SCATTERED AUTOMATIC WEAPONS POSITIONS; SEVERAL OF WHICH ARE OCCUPIED; 450 FT SOUTH OF RUNWAY.	2017N 07635W	Ø585		113
BARRANCAS AREA, AIRFIELD 2.5 NM SW OF BARRANCAS. 3.000 X 75 FT ENE/WSW DIRT RUNWAY, SERVICEABLE. ONE PROBABLE HANGAR AT ENE END OF RUNWAY. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2017N 07650W	Ø585		100
PUEBLO XAVIER, ORIENTE SUGAR MILL 2 NM ESE OF PUEBLO XAVIER, ONE LARGE PROCESSING BUILDING, TWO STORAGE TANKS. RAIL SERVED.	2018N 07605W	Ø585	٠	56

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City, Installation	Coordinates	WAC	Installatio	n Numbers
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CONTRAMAESTRO AREA, AMERICA SUGAR MILL  5 NM SE OF CONTRAMAESTRO. ONE LARGE PROCESSING BUILDING AND 8 ASSOCIATED BUILDINGS. RAIL SERVED.  SIX STORAGE TANKS.	2018N 07614W	Ø585		19
YARA AREA, SOFIA SUGAR MILL 2.5 NM N OF YARA. ROAD AND RAIL SERVED. 1 LARGE MULTISECTIONAL BUILDING WITH STACK. APPROXIMATELY 6 ASSOCIATED SUPPORT BUILDINGS. FOUR VERTICAL STORAGE TANKS.	2019N 07657W	Ø585		97
CONTRAMAESTRE AREA, PROBABLE STORAGE BUILDINGS 3 NM NORTH OF CONTRAMAESTRE AT LAS VENTAS DE CASANOVAS. 10 TWIN-BAY BUILDINGS (MEASURING 105 X 60 FT), 4 BUILDINGS (MEASURING 30 X 30 FT), AND ONE WATER TANK& AREA IS FENCED.	2021N 07614W	Ø585		19A
JULIA AREA, LANDING STRIP  1 NM NE OF JULIA.  2,100 X 70 FT NE/SW DIRT RUNWAY, PROBABLY SERVICEABLE. AIRFIELD NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2021N 07646W	Ø585		38A
JULIA AREA; MABAY SUGAR MILL  1 NM NE OF JULIA. ONE LARGE PROCESSING BUILDING AND 7 ASSOCIATED BUILDINGS. 4 VERTICAL STORAGE TANKS.	2021N 07647W		ECRET	38

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RAIL SERVED.  BAYAMO AREA, AIRFIELD  1.5 NM NE OF BAYAMO. 5,000 X 50 FT E/W  CRUSHED-STONE RUNWAY, SERVICEABLE. HAS  PROBABLY REPLACED BAYAMO AIRFIELD AS MAIN  AIRFIELD SERVING BAYAMO. ONE HANGAR AND 6  ASSOCIATED BUILDINGS. NOT LISTED IN ASSOTW.  AIRCRAFT 6 LIAISON TYPE, ONE C-47, ONE	2023N 07638W	Ø585		· 11D
UNIDENTIFIED.  BAYAMO COMPLEX ONE SQUARE MILE OF PRIMARILY RESIDENTIAL BLDGS. MARSHALLING YARD IN CENTER OF CITY. MINOR INDUSTRIES ON OUTSKIRTS.	2023N 07639W	Ø585		11E
BAYAMO AIRFIELD  2 NM NE OF BAYAMO. 3.500 X 50 FT E/W SOD RUNWAY. SERVICEABLE. LISTED IN ASSOTW.  VOL 6. JUNE 59.  AIRCRAFT NONE.	2024N 07637W	Ø585	April 1985	11
BAYAMO, SUGAR MILL  NW EDGE OF BAYAMO AT TERMINUS OF RAIL SPUR  (20-23-30N 76-39-10W). ONE LARGE PROCESSING  BUILDING, 6 ASSOCIATED BUILDINGS, 2 STORAGE  TANKS. RAIL SERVED.	2024N 07639W	Ø585	,	11F
BAYÁMO AREA; LANDING STRIP 4 NM NW OF BAYAMO. 2,200 X 90 FT N/S SOD	2027N 07642W	Ø585		11Å

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City, Installation	Coordinates	WAC		en Numbers
RUNWAY. SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT NONE.			BE	NPIÇ
BAYAMO AREA, LANDING STRIP  10 NM NE OF BAYAMO.  2,100 X 80 FT ENE/WSW SOD RUNWAY, ABANDONED (UNSERVICEABLE, PARTIALLY OVERGROWN WITH VEGETATION), NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2029N 07631W	Ø585		110
RIO CAUTO AREA; LANDING STRIP 4.5 NM SE OF RIO CAUTO. 2,700 X 100 FT NNE/SSW PROB GRAVEL RUNWAY; SERVICEABLE FOR LIGHT AIRCRAFT. SMALL HANGAR AT NORTH END OF AIRFIELD. NOT LISTED IN ASSOTW. AIRCRAFT. — NONE.	2030N 07651W	Ø585	•	66B
PASO LA YAYA, LANDING STRIP  3.5 NM ESE OF PASO LA YAYA. 2,500 X 80 FT E/W SOD-DIRT RUNWAY, PROBABLY BEING RESURFACED. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2032N 07619W	Ø585		9 <b>4</b> B
PASO LA YAYA AREA; LANDING STRIP ENE EDGE OF PASO LA YAYA. 2,000 X 60 FT NE/SW SOD-DIRT RUNWAY. SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT NONE VISIBLE.	2033N 07622W	Ø585		94
RIO CAUTO, LANDING STRIP  1.5 NM SOUTHEAST OF RIO CAUTO.  2.850 X 100 FT NE/SW SOD RUNWAY,  SERVICEABLE FOR LIGHT AIRCRAFT. NOT	2033N 07653W	Ø585		66A

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# TOP SECRET CHESSoved For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2 NPIC/MCI-1/61

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City, Installation	Coordinates	WAC	Installatio	n Numbers
			8E	NPIC
LISTED IN ASSOTW. AIRCRAFT NONE.  RIO CAUTO AREA, SUGAR MILL	2033N 07655W	Ø585		66
•5 NM SSW OF RIO CAUTO• LARGE PROCESSING BUILDING AND APPROXIMATELY 5 ASSOCIATED BUILDINGS• 5 STORAGE TANKS• RAIL SERVED•				
SAN GERMAN AREA, AIRFIELD  4 NM WEST OF SAN GERMAN.  2,400 X 80 FT NW/SE DIRT RUNWAY.  SERVICEABLE. ONE HANGAR. NOT LISTED IN  ASSOTW.  AIRCRAFT NONE.	2036N 07613W	Ø585	·	7ØB
SAN PEDRO DE CACOCUM AREA; LANDING STRIP  4.2 NM WNW OF SAN PEDRO DE CACOCUM.  2,000 X 70 FT NE/SW DIRT RUNWAY.  SERVICEABLE FOR LIGHT AIRCRAFT.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2036N 07618W	Ø58 <b>5</b>		<b>72</b> B
ROBAINA GONZALEZ AREA; AIRFIELD  1.5 NM SSW OF ROBAINA GONZALEZ. 3,000 X 150  FT E/W SOD RUNWAY. DELINEATED AREA FOR LANDING STRIP IS 11;000 X 300 FT. HOWEVER; ONLY 3,000 X 150 FT APPEARS TO BE IN USE. HANGAR AT EAST END OF RUNWAY. (DESCRIPTION FROM PARTIALLY OBSCURE RUNWAY ON MISSION  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2037N 07630W	Ø585		92
			FCDET	CHEC

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TOP SECRET CAMES Seed For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2

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City, Installation	Coordinates	WAC		n Numbers
			BE	NPIC
JABACO AREA; LANDING STRIP  6 NM NNE OF JABACO.  2,400 X 60 FT NE/SW SOD RUNWAY; APPEARS SERVICEABLE. NOT LISTED IN ASSOTW.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2037N 07640W	Ø585		106
SAN PEDRO DE CACOCUM; STORAGE TANKS NE EDGE OF SAN PEDRO DE CACOCUM; 3 STORAGE TANKS: RAIL SERVED:	2044N 07619W	Ø585		72A
MANGUITO AREA, BAGUANOS SUGAR MILL 2.6 NM E OF MANGUITO. ONE LARGE PROCESSING BUILDING AND 6 ASSOCIATED BUILDINGS. ROAD AND RAIL SERVED. SIX STORAGE TANKS.	2045N 07602W	Ø585		46
PALO DE DIABLO AREA, LANDING STRIP  1.5 NM NW OF PALO DE DIABLO. 1,950 X 100 FT  E/W GRADED-EARTH RUNWAY, SERVICEABLE.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2045N 07610W	Ø585		85
SAN PEDRO DE CACOCUM AREA; SUGAR MILL  3 NM WEST OF SAN PEDRO DE CACOCUM.  ONE LARGE PROCESSING BUILDING; 4 ASSOCIATED BUILDINGS; 2 STORAGE TANKS. RAIL AND ROAD SERVED. (DESCRIPTION FROM CLOUDS PRECLUDE DETAILED	2045N 07623W	Ø585		72
ANALYSIS FROM			,	·
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### TOP SECRET CHAPPSoved For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2 NPIC/MCI-1/61

Coordinates	WAC		n Numbers
		BE	NPIC
2045N 07630W	Ø585	•	43
2051N 07616W	Ø585		34K
2052N 07618W	Ø585		34H
2053N 07617W	Ø585		34F
2053N 07617W	Ø585		34
	2051N 07616W 2052N 07618W 2053N 07617W	2045N 07630W 0585  2051N 07616W 0585  2052N 07618W 0585	2045N 07630W 0585  2051N 07616W 0585  2052N 07618W 0585  2053N 07617W 0585

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NPIC/MCI-1/61

HOLGUIN, RADIO STATION WEST EDGE OF HOLGUIN, AT 20-53-00N 76-16-45W. ONE LATTICE MAST AND ONE SMALL BUILDING.  HOLGUIN AREA, RIFLE RANGE 1.5 NM WEST OF HOLGUIN. NO ACTIVITY NOTED.	City, Installation	Coordinates	WAC	Installatio	n Numbers
WEST EDGE OF HOLGUIN, AT 20-53-00N 76-16-45W. ONE LATTICE MAST AND ONE SMALL BUILDING.  HOLGUIN AREA, RIFLE RANGE 1.5 NM WEST OF HOLGUIN, NO ACTIVITY NOTED.  BUENAVENTURA AREA, COMMUNICATIONS STATION 2.5 NM NW OF BUENAVENTURA. ONE TALL GUYED TOWER WITH A SMALL BUILDING AT BASE. STATION IS FENCED,  HOLGUIN, RADIO STATION ON HILL JUST NORTH OF HOLGUIN. ONE GUYED TOWER WITH ONE LARGE CONTROL BUILDING AT BASE. DEFENSES PERSONNEL TRENCHES AROUND INSTALLATION.  VICTORIA DE LAS TUNAS AREA, RADIO STATION 1.3 NM SE OF VICTORIA DE LAS TUNAS. TOWER AND ASSOCIATED SMALL BUILDING. SELF-SUPPORTING LATTICE-TYPE TOWER, AND ASSOCIATED SMALL BUILDING. SUPED MAST OF APPROXIMATELY SAME HEIGHT ADJACENT TO TOWER.  VICTORIA DE LAS TUNAS AREA, RADIO STATION AS OF CHURCH IN CENTER OF VICTORIA DE  VICTORIA DE LAS TUNAS AREA, RADIO STATION AS OF CHURCH IN CENTER OF VICTORIA DE	City, institution	Coordinates	""	RE	NPIC
BUENAVENTURA AREA, COMMUNICATIONS STATION  2.5 NM NW OF BUENAVENTURA.  ONE TALL GUYED TOWER WITH A SMALL  BUILDING AT BASE. STATION IS FENCED,  HOLGUIN, RADIO STATION  ON HILL JUST NORTH OF HOLGUIN.  ONE GUYED TOWER WITH ONE LARGE  CONTROL BUILDING AT BASE.  DEFENSES — PERSONNEL TRENCHES AROUND  INSTALLATION.  VICTORIA DE LAS TUNAS AREA, RADIO STATION  1.3 NM SE OF VICTORIA DE LAS TUNAS.  TOWER AND ASSOCIATED SMALL BUILDING.  SELF-SUPPORTING LATTICE—TYPE TOWER, AND  ASSOCIATED SMALL BUILDING. GUYED MAST OF  APPROXIMATELY SAME HEIGHT ADJACENT TO  TOWER.  VICTORIA DE LAS TUNAS AREA, RADIO STATION  A6 NM SE OF CHURCH IN CENTER OF VICTORIA DE	WEST EDGE OF HOLGUIN, AT 20-53-00N 76-16-45W. ONE LATTICE MAST AND ONE SMALL	2Ø53N Ø7617W	Ø585		34M
2.5 NM NW OF BUENAVENTURA.  ONE TALL GUYED TOWER WITH A SMALL BUILDING AT BASE. STATION IS FENCED,  HOLGUIN, RADIO STATION ON HILL JUST NORTH OF HOLGUIN. ONE GUYED TOWER WITH ONE LARGE CONTROL BUILDING AT BASE. DEFENSES PERSONNEL TRENCHES AROUND INSTALLATION.  VICTORIA DE LAS TUNAS AREA, RADIO STATION 1.3 NM SE OF VICTORIA DE LAS TUNAS. TOWER AND ASSOCIATED SMALL BUILDING. SELF-SUPPORTING LATTICE-TYPE TOWER, AND ASSOCIATED SMALL BUILDING. GUYED MAST OF APPROXIMATELY SAME HEIGHT ADJACENT TO TOWER.  VICTORIA DE LAS TUNAS AREA, RADIO STATION A6 NM SE OF CHURCH IN CENTER OF VICTORIA DE		2053N 07617W	Ø585		3 <b>4</b> G
ON HILL JUST NORTH OF HOLGUIN.  ONE GUYED TOWER WITH ONE LARGE  CONTROL BUILDING AT BASE.  DEFENSES PERSONNEL TRENCHES AROUND  INSTALLATION.  VICTORIA DE LAS TUNAS AREA, RADIO STATION  1.3 NM SE OF VICTORIA DE LAS TUNAS.  TOWER AND ASSOCIATED SMALL BUILDING.  SELF-SUPPORTING LATTICE-TYPE TOWER, AND  ASSOCIATED SMALL BUILDING. GUYED MAST OF  APPROXIMATELY SAME HEIGHT ADJACENT TO  TOWER.  VICTORIA DE LAS TUNAS AREA, RADIO STATION  6 NM SE OF CHURCH IN CENTER OF VICTORIA DE	2.5 NM NW OF BUENAVENTURA. ONE TALL GUYED TOWER WITH A SMALL	2053N 07641W	Ø585		108
1.3 NM SE OF VICTORIA DE LAS TUNAS.  TOWER AND ASSOCIATED SMALL BUILDING.  SELF-SUPPORTING LATTICE-TYPE TOWER, AND ASSOCIATED SMALL BUILDING. GUYED MAST OF APPROXIMATELY SAME HEIGHT ADJACENT TO  TOWER.  VICTORIA DE LAS TUNAS AREA, RADIO STATION 6 NM SE OF CHURCH IN CENTER OF VICTORIA DE	ON HILL JUST NORTH OF HOLGUIN. ONE GUYED TOWER WITH ONE LARGE CONTROL BUILDING AT BASE. DEFENSES PERSONNEL TRENCHES AROUND	2054N 07616W	Ø585	:	34J
▲6 NM SE OF CHURCH IN CENTER OF VICTORIA DE	1.3 NM SE OF VICTORIA DE LAS TUNAS. TOWER AND ASSOCIATED SMALL BUILDING. SELF-SUPPORTING LATTICE-TYPE TOWER. AND ASSOCIATED SMALL BUILDING. GUYED MAST OF APPROXIMATELY SAME HEIGHT ADJACENT TO	2057N 07656W	Ø585		81A
TOD CECRET C	.6 NM SE OF CHURCH IN CENTER OF VICTORIA DE				816

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### TOP SECRET CHAPPSoved For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2 NPIC/MCI-1/61

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City, Installation	Coordinates	WAC		n Numbers
	333.4.112.33	"//	BE	NPIC
OPERATIONS BUILDING.				
VICTORIA DE LAS TUNAS COMPLEX TRANSPORTATION AND TRADE CENTER WITH SOME LIGHT INDUSTRY. APPROXIMATELY 2 SQUARE MILES IN AREA. RAIL CLASSIFICATION YARD.	2058N 07657W	Ø585		81E
VICTORIA DE LAS TUNAS AREA, LANDING STRIP  1.3 NM WNW OF VICTORIA DE LAS TUNAS.  3.000 X 100 FT NE/SW SOD RUNWAY,  SERVICEABLE. ADJACENT TO THE LANDING STRIP  IS A FENCED AREA CONTAINING 2 PROBABLE  GUYED TOWERS WITH MICROWAVE. NOT LISTED  IN ASSOTW.  AIRCRAFT ONE LIAISON-TYPE.	2058N 07659W	Ø585		81D
VICTORIA DE LAS TUNAS AREA, MILITARY DEFENSES 2.6 NM ENE OF VICTORIA DE LAS TUNAS. NUMEROUS TRENCHES, APPROXIMATELY 20 DP GUN POSITIONS AND 8 MEDIUM/HEAVY GUN POSITIONS, ALL PROBABLY UNOCCUPIED.	2059N 07654W	Ø585	The second	81F
VICTORIA DE LAS TUNAS LANDING STRIP  1 NM NE OF VICTORIA DE LAS TUNAS. 3,000 X  190 FT NE/SW SOD RUNWAY. SERVICEABLE.  LISTED IN ASSOTW. VOL 6, JUL 59.  AIRCRAFT NONE.	2059N 07656W	Ø585		81

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oordinates	WAC		n Numbers
		BE	NPIC
BN Ø7656W	Ø585		45
LN Ø7736W	Ø586		1320
2N Ø <b>77</b> 35W	Ø586		1328
2N Ø <b>77</b> 35W	Ø586		132
2N Ø7738W	Ø586		132F
2 N			

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City, Installation	Coordinates	WAC		on Numbers
TO SUGAR REFINERY AT NIQUERO.  VESSELS NONE.			BE	NPIC
NIQUERO, PORT FACILITIES  WEST SIDE OF NIQUERO. 2 MAJOR PIERS,  9 MINOR PIERS, 2 WAREHOUSES, 2 POL TÁNKS,  3 PROBABLE MOLASSES TANKS. (DESCRIPTION  FROM CLOUDS AND OBLIQUITY PRECLUDE DETAILED ANALYSIS FROM  VESSELS NONE VISIBLE.	2003N 07735W	Ø586		132A
NIQUERO AREA, ROAD IMPROVEMENTS ROUTE 6-4 EAST FROM NIQUERO HAS BEEN IMPROVED TO ALL-WEATHER, LOOSE SURFACE, TWO-LANE HIGHWAY. ALL PRINCIPAL TRAILS IN HINTERLAND OF NIQUERO HAVE BEEN IMPROVED TO DRY-WEATHER DIRT ROADS. HINTERLAND IS TRIANGLE FORMED BY BELIC (19-57N 77-38W 7 NM SSW OF NIQUERO, MEDIA LUNA (20-08N 077-26W), 10 NM NORTHWEST OF NIQUERO, AND PILON (19-54N 077-19W), 16 NM SOUTHEAST OF NIQUERO.	2003N 07735W	Ø586		132,E
ESTRADA PALMA AREA, NEW LIGHT INDUSTRY U/C 4.5 NM SOUTHWEST OF ESTRADA PALMA.  NEW LIGHT INDUSTRY UNDER CONSTRUCTION CONSISTS OF THREE ASSOCIATED GROUPS OF BUILDINGS. GROUP A ONE LARGE MULTISECTIONAL BUILDING AND ONE LARGE WORKSHOP-TYPE BUILDING (BOTH U/C) AND FOOTINGS FOR ONE LARGE BUILDING AND FIVE SUPPORT-TYPE BUILDINGS. GROUP B 6 LARGE SHOP-TYPE BUILDINGS. ONE SHOP-TYPE BUILDING AND ONE	2006N 07700W	Ø586		3Ø1B

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City, Installation	Coordinates	WAC		on Numbers
	Coordinates	"^	ВE	NPIC
MULTISECTIONAL SHOP-TYPE BUILDING (BOTH U/C). ONE MULTISECTIONAL AND 4 OTHER STORAGE-TYPE BUILDINGS. ONE STORAGE-TYPE BUILDING U/C. GROUP C ONE SHOP-TYPE BUILDING AND, 5 SMALL SUPPORT-TYPE BUILDINGS.				
MEDIA LUNA, ISABEL B SUGAR MILL WEST SIDE OF MEDIA LUNA. ONE LARGE PROCESSING BUILDING AND 10 ASSOCIATED BUILDINGS, RAIL SERVED.	2008N 07725W	Ø586		122
MEDIA LUNA, AIRFIELD  SE EDGE OF MEDIA LUNA. 2.600 X 70 FT  NNW/SSE SOD RUNWAY. 2.300 X 70 FT NNW/SSE  SOD RUNWAY. BOTH RUNWAYS SERVICEABLE.  SMALL HANGAR. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2008N 07725W	Ø586		122A
MEDIA LUNA, PORT FACILITIES  1 NM NORTH OF MEDIA LUNA.  ONE PIER, ROAD SERVED.  OBLIQUITY PRECLUDES DETAILED ANALYSIS.  VESSELS NONE VISIBLE.	2009N 07726W	Ø586		1228
GARATAS, LANDING STRIP  NE EDGE OF GARATAS.  2,500 X 100 FT NE/SW SOD RUNWAY.  SERVICEABLE. AIRFIELD NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2010N 07704W	Ø586		295
SANTA REGINA: CEIBA HUECA SUGAR MILL EAST EDGE OF SANTA REGINA:	2013N 07720W	Ø586		38B
33	T	OP S	ECRET	CHESS

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City, Installation	Coordinates	WAC		n Numbers
, ,			BE	NPIC
ONE LARGE PROCESSING BUILDING. 5 STORAGE TANKS. NARROW-GAUGE RAILWAY (NOT SHOWN ON AMS MAP) APPARENTLY SERVES MILL.		0		·
SAN RAMON, SUGAR MILL WEST SIDE OF SAN RAMON. ONE LARGE MULTISECTIONAL PROCESSING BUILDING, ONE POSSIBLE VERTICAL STORAGE TANK. RAIL SERVED. OBLIQUITY PRECLUDES FURTHER INTERPRETATION.	2013N 07722W	Ø586		174Å
SAN RAMON, PORT FACILITIES  N EDGE OF SAN RAMON. 1 OFFSHORE PIER,  1 STORAGE TANK. ROAD SERVED.  VESSELS NONE.	2013N 07722W	Ø586		174
CAMPACHUELA DOS AMIGOS SUGAR MILL SE SIDE OF CAMPACHUELA ONE LARGE PROCESSING BUILDING AND ONE STORAGE BUILDING MILL IS POSSIBLY RAIL—SERVED OBLIQUITY PRECLUDES DETAILED ANALYSIS.	2014N 07717W	Ø586	, , ,	29A
CAMPACHUELA, PORT FACILITIES  N EDGE OF CAMPACHUELA. 2 OFFSHORE PIERS, ROAD SERVED. VESSELS NONE.	2014N 07717W	Ø586		29B
CAMPECHUELA AREA; ROAD CONSTRUCTION ROAD BEING EXTENDED AND WIDENED FROM CAMPECHUELA TO 20-06N/077-14W; APPROXIMATELY 8 NM SSE OF CAMPECHUELA.	20 <b>14</b> N 07717W		ECDET.	29 <b>C</b>

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TOP SECRET CAMPSOVED For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2 NPIC/MCI-1/61

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City, Installation	Coordinates	WAC		n Numbers
			BE	NPIC
ROAD WILL PROBABLY BE 2 OR MORE LANES, LOOSE GRAVEL SURFACE.  CEIBA HUECA AREA, PORT FACILITIES	2014N 07719W	Ø586		38À
•5 NM NORTH OF CEIBA HUECA • 1 OFFSHORE PIER • SERVED BY SHUTTLE TRACK WHICH TERMINATES AT TRANSSHIPMENT HOLD YARD • VESSELS NONE •				
MANZANILLO AIRFIELD	2019N 07708W	Ø586		113
JUST SW OF MANZANILLO. 3,000 X 200 FT				
SSE/NNW SOD RUNWAY, SERVICEABLE AIRFIELD				*
HAS FOUR BUILDINGS. LISTED IN ASSOTW, VOL 6, NOV 59.				
AIRCRAFT 4 LIAISON-TYPE.				
MANUEL DE CONTRACT DE ANT	2020N 07708W	Ø586		113C
MANZANILLO, POSSIBLE POWER PLANT NW SIDE OF TOWN, NEAR WATERFRONT.	2020N 01100W	2500		1150
ONE L-SHAPED BUILDING WITH STACK, AND ONE			7	
POL STORAGE TANK.				
			·	
MANZANILLO COMPLEX	2020N 07708W	Ø586		113D
SEAPORT AND EXPORT CENTER FOR AGRICULTURAL AREA. LARGELY RESIDENTIAL WITH SOME				
SCATTERED LIGHT INDUSTRIES. NEW RESIDENTIAL				
CONSTRUCTION 1.2 NM SW OF MANZANILLO.				
RAIL SERVED. CIRCUMFERENTIAL HIGHWAY				•
AND HIGHWAY FROM CITY SOUTHWARD UNDER CONSTRUCTION.	· · ·			
CONSTRUCTION				
				1100
MANZANILLO, PORT FACILITIES	2021N 07707W	Ø586		113B
3 MAJOR PIERS, 860, 590, 180 FT IN LENGTH RESPECTIVELY. 5 MINOR PIERS. 8 WAREHOUSES.				•
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TOP SECRET CHAPSoved For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2 NPIC/MCI-1/61 NOFORN

City, Installation	Coordinates	WAC		n Numbers
			BE	NPIC
MAIN PIER IS RAIL SERVED.  VESSELS SEVERAL SMALL VESSELS AND  5 BARGES AT PIERS. LARGE FREIGHTER ANCHORED  AND OFF-LOADING 3-NM NW OF PORT FACILITIES.  MANZANILLO SEAPLANE STATION  JUST W OF MANZANILLO. IN CAIMAUERA BAY.  ONE LARGE HANGAR AND LARGE REPAIR SHOP.  SMALL PIER.	2021N 07707W	Ø586		113A
AIRCRAFT NONE.  SAN FRANCISCO DE LAS CABEZADAS, LANDING STRIP 2,750 X 100 FT NE/SW SOD RUNWAY. APPEARS ABANDONED. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2036N 07704W	Ø586	·	256
GUAYABAL, PORT FACILITIES SW EDGE OF GUYABAL. 2 MAJOR OFFSHORE PIERS, RAIL SERVED. 15 MINOR PIERS. 5 STORAGE TANKS, WAREHOUSES. VESSELS ONE BARGE.	2041N 07737W	Ø586		84
LEONERO AREA; AIRFIELD  1.4 NM NNE OF LEONERO.  SOD RUNWAY ORIENTED NNE/SSW; DIMENSIONS  AND SERVICEABILITY UNDETERMINED. AIRFIELD  NOT LISTED IN ASSOTW.	2042N 07704W	Ø586		294
LEONERO AREA; LANDING STRIP  5.1 NM WNW OF LEONERO.  4,300 X 50 FT NE/SW SOD RUNWAY. RUNWAY APPEARS TO BE DETERIORATING BUT IS PROBABLY	2042N 07710W	Ø586		252

36 TOP SECRET Approved For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2 NOFORN

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NPIC/MCI-1/61

City, Installation	Coordinates	WAC		n Numbers
	000.41114103		BE	NPIC
STILL SERVICEABLE FOR LIAISON-TYPE AIRCRAFT. NOT LISTED IN ASSOTW. AIRCRAFT NONE.				
CAYO JICOTEA, LANDING STRIP JUST NORTH OF VILLAGE. 2,800 X 50 FT NE/SW DIRT RUNWAY. RUNWAY UNSERVICEABLE, APPEARS RUTTED. FOUR OBJECTS, APPROXIMATELY 150 FT APART, HAVE BEEN PLACED ALONG CENTERLINE OF	2045N 07716W	Ø586	,	36
RUNWAY. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.				
GUAYABAL AREA, LANDING STRIP 6 NM NE OF GUAYABAL. 2,400 X 70 FT NE/SW SOD RUNWAY, APPARENTLY SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2045N 07732W	Ø586		844
FRANCISCO, LANDING STRIP  1.6 NM SSW OF FRANCISCO. 5,800 X 350 FT NE/SW SOD RUNWAY, UNSERVICEABLE. BARRIERS, PROBABLY DIRT, PLACED ACROSS RUNWAY AT 430=FOOT INTERVALS. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2048N 07736W	Ø586		76A
LA ESPERANZA, FRANCISCO SUGAR MILL CENTER OF LA ESPERANZA, OBLIQUITY PRECLUDES ANALYSIS,	2049N 07735W	Ø586	2 4 2 4 3 4	76
CARRETERA AREA, AIRFIELD 6 NM W OF LA CARRETERA. 3,000 X 120 FT NE/ SW SOD RUNWAY. 2,200 X 120 FT NW/SE SOD	2051N 07741W	Ø586	1	100
37	T	OP S	ECRET	CHESS

TOP SECRET CHARGOSoved For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2 NPIC/MCI-1/61

City, Installation	Coordinates	WAC		n Numbers
	555,4,114,65	"710	BE	NPIC
RUNWAY, APPARENTLY ABANDONED (POSSIBLY SERVICEABLE FOR LIGHT AIRCRAFT). NOT LISTED IN ASSOTW.  AIRCRAFT NONE.  JOBABO, SUGAR MILL SOUTH EDGE OF TOWN. ONE LARGE PROCESSING BUILDING WITH 2 STACKS, 6 SMALLER ASSOCIATED BUILDINGS. RAIL SERVED. (DESCRIPTION FROM MISSION SCATTERED CLOUDS PRECLUDE DETAILED ANALYSIS FROM MISSION	2054N 07717W	Ø586		95
JOBABO, LANDING STRIP SOUTH EDGE OF JOBABO.  1,950 X 100 FT SSE/NNW SOD RUNWAY, SERVICEABLE. NOT LISTED IN ASSOTW.  AIRCRAFT NONE VISIBLE.	2054N 07717W	Ø586		95 <b>A</b>
JOBABO, CENTRAL JOBABO LANDING STRIP  1 NM W OF JOBABO. 3,000 X 250 FT N/S SOD RUNWAY. APPARENTLY UNSERVICEABLE.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2054N 07719W	Ø586		95B
SANTA LUCIA, ELIA SUGAR MILL NORTH SIDE OF SANTA LUCIA. THREE PROCESSING BUILDINGS WITH 3 STACKS, APPROXIMATELY 6 ASSOCIATED BUILDINGS, ONE LARGE AND FIVE SMALL VERTICAL STORAGE TANKS. RAIL SERVED.	2059N 07726W	Ø586		181

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Coordinates	WAC		on Numbers
Coordinates	"70	BE	NPIC
2059N 07726W	Ø58 <b>6</b>		181A
2056N 07813W	Ø586		286
2103N 07721W	Ø586		81
2107N 07721W	Ø586		255
21Ø9N Ø <b>77</b> 33W	Ø586		250
	2056N 07813W 2103N 07721W 2107N 07721W	2059N 07726W 0586  2056N 07813W 0586  2103N 07721W 0586	2059N 07726W 0586  2056N 07813W 0586  2103N 07721W 0586

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City, Installation	Coordinates	WAC		on Numbers	
City, installation	Coordinates	""	ВE	NPIC	
STORAGE TANKS, SMALL RAIL YARD.  TASAJERAS AREA, AIRFIELD  9 NM SW OF TASAJERAS. 2,400 X 230 FT E/W  SOD RUNWAY, UNSERVICEABLE (CRISSCROSSED  BY WATERFILLED DITCHES AND ONE GULLY).  HAS ONE SMALL HANGAR. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2113N Ø7711W	Ø586		1	
MARCHENA; SIBONEY SUGAR MILL SOUTH EDGE OF MARCHENA; ONE PROCESSING BUILDING; APPROXIMATELY 6 ASSOCIATED BUILDINGS; 3 VERTICAL STORAGE TANKS; RAIL SERVED;	2114N Ø774ØW	Ø586		114	
SAN JOSE AREA, LANDING STRIP  2.8 NM NNE OF SAN JOSE. 1,000 X 60 FT  NE/SW SOD RUNWAY, SERVICEABLE. NOT LISTED  IN ASSOTW.  AIRCRAFT NONE.	2115N Ø7716W	Ø586		312	
MARCHENA AREA, MICROWAVE SITE  3.3 NM NW OF MARCHENA.  TOWER WITH SMALL BLDG ATOP HILL.	2117N Ø7743W	Ø586		114A	
CAMAGUEY, PROBABLE MILITARY CAMP 3 NM SE OF CAMAGUEY RAIL YARDS. 27 BARRACKS/STORAGE BUILDINGS, ONE PROBABLE VEHICLE SHED, 9 ASSOCIATED SUPPORT BUILDINGS. FOOTING OBSERVED FOR	212ØN Ø7751W	Ø586		27C	

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City, Installation	Coordingtes	WAC	Installatio	n Numbers
	Coordinates		BE	NPIC
ADDITIONAL BARRACKS OR WAREHOUSE.  VEHICLES/EQUIPMENT 4 PROBABLE TANKS.  2 VEHICLES.				
CAMAGUEY AREA, RADIO STATION  4 NM SE OF CAMAGUEY. STANDARD BROADCAST STATION ON TOP OF HILL CONSISTING OF A GUYED LATTICE TOWER AND A CONTROL BUILDING.	2121N Ø775ØW	Ø586		27A
CAMAGUEY AREA, ELECTRONICS INSTALLATION TWO VERTICAL RADIATORS OBSERVED 2.1 NM SSE OF ROUNDHOUSE AT RAILROAD YARDS.	2121N Ø7752W	Ø586		27N
CAMAGUEY AREA; ELECTRONICS INSTALLATION •9 NM SSE OF ROUNDHOUSE AT RAILROAD YARDS • ONE SELF-SUPPORTING LATTICE TOWER•	2121N Ø7753W	Ø586		27P
CAMAGUEY AREA; RADIO STATION  1.4 NM SE OF CAMAGUEY RR YARDS. STANDARD  BROADCAST STATION CONSISTING OF 3 BUILDINGS  AND ONE SELF-SUPPORTING LATTICE TOWER.	2122N Ø7753W	Ø586		27H
CAMAGUEY AREA; ELECTRONICS INSTALLATION ONE VERTICAL RADIATOR; 1.2 NM SSE OF ROUNDHOUSE AT RAILROAD YARDS.	2122N Ø7753W	Ø586		27M
CAMAGUEY, POWER PLANT IN EAST CAMAGUEY, 1 NM NW OF ROUNDHOUSE IN RAIL YARDS. GENERATOR BUILDING, FUEL TANK, COOLING PONDS, 2 COOLING TOWERS. NO TRANSFORMER YARD IDENTIFIED.	2122N Ø7754W	Ø586		27B
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City, Installation	Coordinates	WAC		n Numbers
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ROAD SERVED.				
CAMAGUEY AREA, ELECTRONICS INSTALLATION  5 NM SW OF ROUNDHOUSE AT RAILROAD YARDS.  ONE SELF-SUPPORTING LATTICE TOWER AND  ONE ASSOCIATED BUILDING.	2122N Ø7754W	Ø586		27L
CAMAGUEY, POL STORAGE  JUST S OF RR MARSHALING YARDS'IN E PART  OF TOWN. 2 LARGE TANKS, 3 SMALLER TANKS.  RAIL SERVED.	2122N Ø7754W	Ø586		270
CAMAGUEY URBAN COMPLEX COMPLEX COVERS AN AREA OF APPROXIMATELY 9 SQUARE MILES. TRANSPORTATION CENTER WITH RAILROAD YARDS ON SOUTHEAST SIDE OF CITY CONTAINING ROUNDHOUSE, TURNTABLE, AND REPAIR BUILDINGS. 5 HIGHWAYS ENTER COMPLEX.	2123N Ø7755W	Ø586		27F
CAMAGUEY AREA, MILITARY CAMP  2.5 NM WNW OF ROUNDHOUSE AT RAILROAD YARDS. 5 ADMINISTRATIVE BUILDINGS, 4 TWO-STORY BARRACKS-TYPE BUILDINGS, 3 VEHICLE STORAGE BUILDINGS, THEATER, GYMNASIUM, 7 UNIDENTIFIED BUILDINGS, AND RADIO INSTALLATION.	2123N Ø7756W	Ø586		27K
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City, Installation	Coordinates			on Numbers	
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CAMAGUEY AREA, POL STORAGE ON N SIDE OF RAILROAD 2 NM W OF CAMAGUEY. 6 STORAGE TANKS, 9 ASSOCIATED BUILDINGS. RAIL SERVED.	2123N Ø7757W	Ø586		27E	
CAMAGUEY AREA, MILITARY CAMP  66 NM WEST OF CAMAGUEY.  3 NM WNW OF ROUNDHOUSE AT CAMAGUEY RAIL YARDS, AT 21-23-20N 77-56-50W. FENCED AREA, 950 FT SQUARE, CONTAINING ONE SINGLE-STORY BUILDING 555 X 80 FT AND 10 SMALLER BUILDINGS.	2123N Ø7757W	Ø586		275	
CAMAGUEY INTERNATIONAL AIRFIELD  4.1 NM NE OF CAMAGUEY. 8,000 X 200 FT  ENE/WSW ASPHALT RUNWAY. 5,000 X 200 FT  WNW/ESE SOD RUNWAY, SERVICEABLE.  LISTED IN ASSOTW, VOL 6, MAR 59.  AIRCRAFT — 7 LIAISON (ONE MINUS A WING).  ONE UNIDENTIFIED SINGLE ENGINE.	2125N Ø7751W	Ø586	7-1	27	
CAMAGUEY AREA; BERNABE SANCHEZ ADAN AIRFIELD 2 NM NW OF CAMAGUEY INTERNATIONAL AIRFIELD. FOUR SOD RUNWAYS — 3,800 X 200 FT N/S, 3,800 X 200 FT ESE/WNW; 2,800 X 200 FT NW/SE, AND 3,800 X 200 FT WSW/ENE. ONLY NW/SE RUNWAY IS SERVICEABLE; THE OTHER THREE HAVE DITCHES PLOWED ACROSS THEM. ONE OPERATIONS BUILDING WITH CONTROL TOWER; 2 MAINTENANCE/STORAGE BUILDINGS AND ONE ADMINISTRATION BUILDING. NOT LISTED IN ASSOTW.	2126N Ø7753W	Ø586		271	

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City, Installation	Coordinates	WAC		n Numbers
DEFENSES APPROX 10 SMALL AUTOMATIC			BE	NPIC
WEAPON POSITIONS. APPROX 24 L-SHAPED REVETMENTS SOUTH OF SUPPORT AREA. AIRCRAFT NONE.				
CAMAGUEY AREA; TRANSFORMER STATION 4 NM NNW OF ROUNDHOUSE AT RAILROAD YARDS; 6 TRANSFORMERS AND ONE CONTROL BUILDING IN A SECURED AREA;	2126N Ø7755W	Ø586		27J
SENADO, SUGAR MILL CENTER OF SENADO. LARGE PROCESSING BUILDING, 4 ASSOCIATED BUILDINGS, RAIL SERVED. 5 STORAGE TANKS.	2132N Ø7735W	Ø586		189A
LUGARENO, SUGAR MILL NORTH EDGE OF LUGARENO. TWO LARGE PROCESSING BUILDINGS AND 5 ASSOCIATED BUILDINGS, RAIL SERVED.	2133N Ø7728W	Ø586		107
LUGARENO AREA; LANDING STRIP  1 NM N OF LUGARENO. SOD RUNWAY ORIENTED E/ (OBLIQUITY PRECLUDES MEASUREMENT.) PROBABLY UNSERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT - NONE.	2134N 07728W	Ø586		107A
CAMAGUEY AREA, ACUEDUCTO DE PONTEZUELA 9.5 NM NNW OF CAMAGUEY. INSTALLATION EQUIPPED WITH A FILTRATION UNIT, 4 SETTLING PONDS, DAM AND RESERVOIR.	2134N Ø7759W	Ø586		27R

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City, Installation	Coordinates	WAC	Installation Numbers	
			BE	NPIC
PLAYA PILOTO, PORT FACILITIES 6.5 NM N OF SOLA. AT LEAST 16 SMALL PIERS. OBLIQUITY PRECLUDES INTERPRETATION.	2147N Ø7741W	Ø586		253
PUNTA MACURIJES AREA, LANDING STRIP 7.3 NM NW OF PUNTA MACURIJES. 2.400 X 100 FT ENE/WSW DIRT RUNWAY, SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2106N 07823W	Ø586		287
CABERA AREA, LANDING STRIP 5.5 NM SSE OF CABERA. 4,200 X 80 FT SOD RUNWAY ORIENTED ENE/WSW, SERVICEABLE. NOT LISTED IN ASSOTW. OBLIQUITY PRECLUDES DETAILED ANALYSIS. AIRCRAFT NONE DISCERNIBLE.	211ØN Ø7822W	Ø586		2718
CABERA AREA, LANDING STRIP 7 NM SW OF CABERA. 4,800 X 100 FT ENE/WSW SOD RUNWAY, SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT ONE LIAISON-TYPE.	2111N Ø7825W	Ø586		271A
CABERA AREA, LANDING STRIP  6.2 NM ESE OF CABERA.  2,300 X 125 FT ENE/WSW SOD RUNWAY, SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2112N Ø7824W	Ø586		271
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City, Installation	Coordinates .	WAC	Installatio	
VERTIENTES, SUGAR MILL WEST EDGE OF TOWN. 10 STORAGE TANKS. ONE LARGE PROCESSING BUILDING, 3 LARGE ASSOCIATED BUILDINGS, 4 LARGE	2115N Ø78Ø9W	Ø586	BE	204
VERTIENTES, LANDING STRIP JUST SOUTH OF VERTIENTES. 2,400 X 100 FT NNE/SSW SOD RUNWAY, SERVICEABLE, NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2115N Ø78Ø9W	Ø586		2Ø4A
ALTAMIRA LANDING STRIP  5.5 NM WNW OF CABERA. 4,200 FT  X 60 FT ENE/WSW SOD STRIP, SERVICEABLE.  LISTED IN ASSOTW, VOL 6, JUL 59.  AIRCRAFT NONE.	2116N Ø7823W	Ø586		5
SANTA MARIA, PORT FACILITIES ON AN INLET 2 NM FROM GOLFO DE ANA MARIA. VESSELS 2 FREIGHTERS (ONE 435 FT AND ONE 440 FT) BEING OFFLOADED INTO BARGES, ONE NM OFF PUNTA REMATE.	2117N Ø7829W	Ø586		182
SANTA MARIA AREA, LANDING STRIP  3.6 NM ENE OF SANTA MARIA. 2,400 X 100 FT ENE/WSW SOD RUNWAY, SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2118N Ø7824W	Ø586		27 <b>1</b> C
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	City, Installation	Coordinates	WAC		n Numbers
				BE	NPIC
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25X1D	PUEBLO LA VALLITA, MICROWAVE SITE NORTH SIDE OF PUEBLO LA VALLITA, TOWER AND ASSOCIATED BUILDING,	2126N Ø78Ø8W	Ø58 <b>6</b>		293
	SAN JERONIMO LANDING STRIP 7 NM WEST OF SAN JERONIMO. 3,000 X 200 FT NE/SW SOD RUNWAY; PROBABLY SERVICEABLE. LISTED IN ASSOTW; VOL 6, 1951. CLOUDS PRECLUDE DETAILED ANALYSIS. AIRCRAFT NONE DISCERNIBLE.	2128N 07826W	Ø586		171
25X1D					
	FLORIDA AREA, CENTRAL AGRAMONTE AIRFIELD 2 NM S OF FLORIDA. 3,300 X 100 FT ENE/WSW SOD RUNWAY, BEING RESURFACED. LISTED IN ASSOTW, VOL. 6, 1953. AIRCRAFT NONE.	2130N 07812W	Ø586		39
25X1D					
25X1D	FLORIDA SUGAR MILL  NW EDGE OF FLORIDA.  TWO LARGE PROCESSING BUILDINGS.  2 ASSOCIATED BUILDINGS. 3 LARGE  STORAGE TANKS. RAIL SERVED.	2132N Ø7814W	Ø586		74A
	BARAGUA AREA PORT FACILITIES  8 NM SOUTH OF BARAGUA DOCK, 2 WAREHOUSES 3 STORAGE TANKS, RAIL SERVED. VESSELS 6 LIGHTERS.	2133N Ø7839W	Ø586		7Ø
25X1D	VESSELS: 6 LIGHTENS!			FCDET	CHEC

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City, Installation	Coordinates	WAC		n Numbers
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CESPEDES; SUGAR MILL EAST EDGE OF CESPEDES. ONE LARGE PROCESSING BUILDING; 2 ASSOCIATED BUILDINGS; STORAGE TANKS=2 LARGE; 1 MEDIUM; 1 SMALL; RAIL SERVED;	2134N Ø7816W	Ø586		48A
CESPEDES AREA, MINING ACTIVITY 4.6 NM W OF CESPEDES. 2 OPEN-PIT MINES, RAIL SERVED.	2134N Ø7821W	Ø586		48B
CESPEDES AREA; ESTRELLA SUGAR MILL  1 NM NW OF CESPEDES.  ONE LARGE PROCESSING BUILDING; 3  ASSOCIATED BUILDINGS. STORAGE TANKS 2  LARGE AND 2 MEDIUM. RAIL SERVED.	2135N Ø7818W	Ø586		48
SAN AGUSTIN AREA, LANDING STRIP  4 NM SSW OF SAN AGUSTIN. 3,000 X 300 FT E/W SOD RUNWAY, SERVICEABLE FOR LIGHT AIRCRAFT.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2136N Ø7835W	Ø586		249A
SAN AGUSTIN AREA, LANDING STRIP  3 NM SW OF SAN AGUSTIN. 3,200 X 200 FT NW/SE SOD RUNWAY, SERVICEABLE FOR LIGHT AIRCRAFT. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2137N Ø7836W	Ø586		249
JUCARO, PORT FACILITIES SOUTH EDGE OF JUCARO.	2137N Ø7851W	Ø586		98

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City, Installation	Coordinates	WAC	Installation Nur	
City, instantation	Coordinates	"70	BE	NPIC
OFFSHORE PIER; RAIL AND ROAD SERVED; VESSELS NUMEROUS SMALL CRAFT;  CIEGO COROJO; MICROWAVE STATION SE EDGE OF TOWN. STATION HAS 2 TOWERS AND 3 BLDGS. ONE TOWER IS PROBABLY FOR MEDIUM— FREQUENCY RADIO BROADCASTING. THE OTHER SUPPORTS 4 MICROWAVE DISHES.	2141N Ø7827W	Ø586		258A
BARAGUA, SUGAR MILL CENTER OF BARAGUA. ONE LARGE PROCESSING BUILDING, 4 LARGE ASSOCIATED BUILDINGS. 2 LARGE, 3 MEDIUM, AND 3 SMALL STORAGE TANKS. RAIL SERVED.	2141N Ø7838W	Ø586		19A
BARAGUA AIRFIELD  6 NM WSW OF GASPAR. 3,300 X 180 FT N/S SOD RUNWAY. 3,000 X 60 FT E/W SOD RUNWAY. HANGAR WITH APRON. THE E/W RUNWAY IS APPARENTLY THE ONLY ONE IN USE. LISTED IN ASSOTW, VOL 6, 1956.	2141N Ø7838W	Ø586	·	19
AIRCRAFT NONE.  STEWART, SUGAR MILL CENTER OF STEWART. ONE LARGE PROCESSING BUILDING, 4-6 ASSOCIATED BUILDINGS, 4 STORAGE TANKS, 2 FUEL TANKS. RAIL SERVED.	2144N Ø7847W	Ø586		193
STEWART, LANDING STRIP EAST EDGE OF STEWART. 3,500 X 150 FT ENE/WSW SOD RUNWAY, SERVICEABLE. 1,600 X	2144N Ø7847W	Ø586		193A

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### TOP SECRET CHAPS oved For Release 2001/11/19: CIA-RDP78T04751A000200010001-2 NPIC/MCI-1/61 NOFORN

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City, Installation	Coordinates	WAC		on Numbers
· ·	Coordinates	", ", C	ВE	NPIC
75 FT ORIENTED NWW/SSE SOD RUNWAY, NOT SERVICEABLE (RETURNED TO CULTIVATION).  NOT LISTED IN ASSOTW. AIRCRAFT NONE.  CIEGO COROJO AREA, LANDING STRIP 3.1 NM NE OF CIEGO COROJO. 4,250 X 100 FT WNW/ESE SOD RUNWAY, UNSERVICEABLE (RETURNED TO CULTIVATION). NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2145N Ø7825W	Ø586		258
PALMARITO AREA, LANDING STRIP	2146N Ø7826W	Ø586		259
2.5 NM ESE OF PALMARITO. 2.100 X 60 FT NW/SE SOD RUNWAY, SERVICEABLE FOR LIGHT AIRCRAFT. NOT LISTED IN ASSOTW. AIRCRAFT NONE.			,	
CIEGO DE AVILA AREA, VICENTE POWER PLANT 4 NM SE OF CIEGO DE AVILA. GENERATOR HALL, COOLING FACILITIES, TRANSFORMER YARD, 2 FUEL TANKS. RAIL SERVED.	2148N Ø7842W	Ø586		205
CIEGO DE AVILA AIRFIELD NO 2  1 NM EAST OF CIEGO DE AVILA.  3,000 X APPROXIMATELY 170 FT ENE/WSW SOD RUNWAY, SERVICEABLE. AIRFIELD PROBABLY UNDERGOING EXPANSION.  LARGE EARTH-MOVING OPERATION IN PROGRESS ALONG SOUTH SIDE OF FIELD. PRESENT FACILITIES INCLUDE 2 RECTANGULAR HANGARS AND 8 SMALL T-SHAPED HANGARS. LISTED IN ASSOTW, VOL 6, JUL 59.	2150N 07844W	Ø586		5ØA
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Installation Numbers

WAC City, Installation Coordinates AIRCRAFT -- 7 LIAISON-TYPE. CIEGO DE AVILA AREA, ELECTRONICS INSTALLATION 2150N 07844W Ø586 5ØC 2 NM ESE OF CIEGO DE AVILA: AT 21-49-55N 78-43-55W. ONE GUYED LATTICE TOWER AND ASSOCIATED BUILDING. CIEGO DE AVILA, POWER PLANT 2150N 07845W Ø586 5ØB IN SOUTH-CENTRAL CIEGO DE AVILA ON EAST-WEST RAILROAD. LARGE GENERATOR HALL TRANSFORMER YARD, COAL STORAGE ONE FUEL TANK. CIEGO DE AVILA COMPLEX 215ØN Ø7845W 0586 5ØI 1.5 SQUARE MILES IN AREA. RAIL AND HIGHWAY JUNCTION, 2 SMALL RAIL YARDS, PETROLEUM DISTRIBUTION POINT, AT LEAST 4 COMMUNICATIONS INSTALLATIONS, SEVERAL SMALL INDUSTRIES, POWER PLANT, AIRFIELD UNDERGOING EXPANSION . 2150N 07846W 0586 CIEGO DE AVILA, STORAGE FACILITY 5ØG WEST EDGE OF CIEGO DE AVILA. SECURED AREA, RAIL SERVED. 5 STORAGE TANKS, ONE WAREHOUSE. CIEGO DE AVILA, ELECTRONICS INSTALLATION 2151N Ø7846W Ø586 5ØD ON NW EDGE OF CIEGO DE AVILA, AT 21-50-43N 78-46-38W. ONE GUYED LATTICE TOWER AND

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City, Installation	Coordinates	WAC		n Numbers
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ASSOCIATED BUILDING.  CIEGO DE AVILA AREA, ELECTRONICS INSTALLATION  .7 NM NORTH OF CIEGO DE AVILA, AT	2151N Ø7846W	Ø586		5ØE
21-50-46N 78-45-56W& ONE GUYED LATTICE TOWER AND ASSOCIATED BUILDING&				
CIEGO DE AVILA AREA, ELECTRONICS INSTALLATION 1.7 NM NW OF CIEGO DE AVILA, AT 21-51-12N 78-47-21W. ONE GUYED LATTICE TOWER AND ASSOCIATED BUILDING.	2151N 07847W	Ø586		5ØH
CIEGO DE AVILA AREA; LANDING STRIP  1 NM NNW OF CIEGO DE AVILA. 3;100 X 350 FT  NE/SW SOD RUNWAY. POOR CONDITION; PROBABLY  SERVICEABLE FOR LIGHT AIRCRAFT.  LISTED IN ASSOTW; VOL 6; 57.  AIRCRAFT NONE.	2152N Ø7846W	Ø586		5Ø
GUAYACANES AREA; ALGODONES SUGAR MILL 3 NM WSW OF GUAYACANES. ONE LARGE PROCESSING BUILDING AND 2 ASSOCIATED BUILDINGS; RAIL SERVED. THREE STORAGE TANKS.	2152N Ø7859W	Ø586		85
GUAYACANES AREA, LANDING STRIP 3 NM WSW OF GUAYACANES. 2,500 X 200 FT ENE/WSW SOD RUNWAY, ABANDONED. RACETRACK CONSTRUCTED OVER SECTION OF STRIP. ONE SMALL HANGAR.	2152N Ø7859W	Ø586		85A

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City, Installation	Coordinates	WAC	Installatio	n Numbers NPIC
NOT LISTED IN ASSOTW.  AIRCRAFT NONE.  ESMERALDA AREA, LANDING STRIP  5.7 NM NNW OF ESMERALDA. 2,200 X 100 FT  ENE/WSW SOD RUNWAY, SERVICEABLE FOR LIGHT  AIRCRAFT. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2156N 07809W	Ø586		71A
VIOLETA, SUGAR MILL WEST SIDE OF VIOLETA, ONE LARGE PROCESSING BUILDING AND 3 ASSOCIATED BUILDINGS, RAIL SERVED, SEVEN STORAGE TANKS.	2156N Ø7825W	Ø586		2Ø7A
BOYDEN LANDING STRIP NORTH SIDE OF VIOLETA. 2,600 X 200 FT NE/SW SOD RUNWAY. APPEARS SERVICEABLE FOR LIGHT AIRCRAFT BUT ATHLETIC TRACK IS BEING LAID ACROSS SW END OF RUNWAY. LISTED IN ASSOTW, VOL 6, 1951. AIRCRAFT NONE.	2157N Ø7825W	0586	·	207
MAJAGUA AREA, PROBABLE OIL FIELD 4 NM NNE OF MAJAGUA. 5 SITES BEING PREPARED FOR PROBABLE OIL WELLS. SITES CONSIST OF CLEARED AREA AND MUD PITS.	2158N Ø7858W	Ø586	·	297
TRINIDAD COMPLEX TRADING CENTER, LARGELY RESIDENTIAL, APPROX ONE SQUARE MILE IN AREA, RAIL SERVED, SCATTERED INDUSTRIES INCLUDE	2147N Ø7959W		ECRET	196E

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City, Installation	Coordinates	WAC	Installatio	n Numbers NPIC
FOOD-PROCESSING PLANTS ON NE EDGE OF TOWN. HEAVY CLOUDS AND OBLIQUITY LIMIT ANALYSIS.				
TRINIDAD AIRFIELD SW EDGE OF TRINIDAD. 3,600 X 115 FT NE/SW RUNWAY. SERVICEABLE (DESCRIPTION FROM OBLIQUITY AND CLOUDS PRECLUDE DETAILED ANALYSIS FROM	2147N Ø7959W-	Ø586		196B
LISTED IN ASSOTW, VOL 6,  AIRCRAFT NONE DISCERNIBLE.				
TRINIDAD AREA, SUGAR MILL 8.5 NM EAST OF TRINIDAD. ONE LARGE PROCESSING BUILDING, 6 ASSOCIATED BUILDINGS. RAIL SERVED.	2150N 07950W	Ø586		196A
TRINIDAD AREA; CENTRAL TRINIDAD LANDING STRIP  8 NM ENE OF TRINIDAD. 2,900 X 125 FT NE/SW  SOD RUNWAY; SERVICEABILITY UNDETERMINED.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE VISIBLE.	2150N 07950W	0586		196
JATIBONICO AREA, LANDING STRIP  4 NM SE OF JATIBONICO.  3,000 X 100 FT E/W SOD RUNWAY, SERVICEABLE FOR LIGHT AIRCRAFT. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2154N Ø79Ø7W	Ø586		94B
JATIBONICO AREA, LANDING STRIP  4 NM E OF JATIBONICO. 2,000 X 150 FT  NNE/SSW SOD RUNWAY, SERVICEABLE FOR LIGHT AIRCRAFT. NOT LISTED IN ASSOTW.	2156N Ø79Ø5W	Ø586	ECDET.	94D

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City, Installation	Coordinates	WAC		n Numbers
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JATIBONICO: MICROWAVE SITE  NE EDGE OF TOWN. GUYED LATTICE TOWER.  WITH 4 REFLECTORS, AND ASSOCIATED BUILDING.	2156N Ø79Ø9W	Ø586		940
DESCRIPTION FROM  HEAVY CLOUDS AND CLOUD SHADOW PRECLUDE DETAILED ANALYSIS FROM  JATIBONICO, POSSIBLE RADIO STATION NE EDGE OF JATIBONICO, WEST OF HIGHWAY, ONE TALL GUYED LATTICE TOWER AND	2156N Ø79Ø9W	Ø586	·	94E
ASSOCIATED BUILDING.  JATIBONICO, SUGAR MILL SW EDGE OF JATIBONICO. ONE LARGE	2156N Ø791ØW	Ø586		9 <b>4</b> A
PROCESSING BUILDING AND 4 ASSOCIATED BUILDINGS, RAIL SERVED. TWO STORAGE TANKS.			•	
JATIBONICO, LANDING STRIP SOUTH EDGE OF JATIBONICO, ADJACENT TO JATIBONICO SUGAR MILL. 2,700 X 120 FT NE/SW SOD RUNWAY, APPEARS SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT ONE POSSIBLE BIPLANE.	2156N Ø791ØW	Ø586		94F
SANCTI SPIRITUS COMPLEX AREA COVERS 2 SQUARE MILES. TRADING CENTER FOR SURROUNDING AGRICULTURAL AND CATTLE AREA. SEVERAL SMALL INDUSTRIES. SERVED BY ROAD AND RAIL. COMPLEX IS APPROXIMATELY 75 PERCENT CLOUD	2156N Ø7926W	Ø586		175
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JATIBONICO, OIL FIELD  3 NM NE OF JATIBONICO, AT LEAST 10 PRODUCING WELLS, 10 STORAGE TANKS.	2158N 07907W	Ø586		94	
ZAZA DEL MEDIO, LANDING STRIP  JUST SOUTH OF ZAZA DEL MEDIO. 1,200 X 70 FT  NNE/SSW SOD RUNWAY, SERVICEABILITY  UNDETERMINED. NOT LISTED ÎN ASSOTW.  AIRCRAFT — NONE.	2159N Ø <b>7</b> 922W	Ø586		245	
TUINICU, SUGAR MILL WEST SIDE OF TUINICU. ONE LARGE PROCESSING BUILDING AND 2 LARGE ASSOCIATED BUILDINGS, RAIL SERVED. 13 STORAGE TANKS.	2159N Ø7925W	Ø586	÷	198	
SANTA FE AREA, MILITARY ACTIVITY JUST SOUTH OF SANTA FE-SAN PEDRO HIGHWAY, 4 NM SW OF SANTA FE, ON THE ISLE OF PINES, POSSIBLE MILITARY TRAINING AREA, WITH RIFLE RANGE, JUST SOUTH OF RIFLE RANGE ARE 7 BUILDINGS PROTECTED BY DOUBLE FENCE AND PERIMETER TRENCH SYSTEM, 6 NM NORTH OF RIFLE RANGE ARE DISPERSED 6 LARGE BARRACK-TYPE BUILDINGS, 6 SUPPORT BUILDINGS, AND 13 VEHICLE REVETMENTS, AREA IS PROTECTED BY TRENCH SYSTEMS AT THE EASTERN AND WESTERN PERIMETERS, NUMEROUS	2142N Ø8249W	Ø586		179B	

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ВE NPIC SHORT TRENCHES AND AUTOMATIC WEAPONS POSITIONS. 2 NM EAST OF RIFLE RANGE IS ONE 4-GUN REVETTED FIELD ARTILLERY POSITION UNDER CONSTRUCTION. CONSIDERABLE TRACK ACTIVITY, BUT CLOUDS AND CLOUD SHADOW PRECLUDE FURTHER INTERPRETATION. SANTA FE AREA, ROAD CONSTRUCTION & IMPROVEMENT 2145N Ø8245W Ø586 179¢ 2 ROADS -- ONE BEGINS JUST WEST OF PUNTA DEL ESTE AT 21-33-45N 82-33-25W, THE OTHER BEGINS AT PLAYA LARGA (21-28-50N 82-43-25W) . THE 2 ROADS MERGE AT 21-35N 82-46W, AND CONTINUE NORTH FOR ONE NM TO JOIN AN EXISTING ROAD LEADING NORTH TO SANTA FE THE ROADS ARE IMPROVED, LOOSE SURFACE. THE EXISTING HIGHWAY LEADING SOUTH FROM SANTA FE TO 21-35N 82-46W HAS BEEN GREATLY IMPROVED (CURVES HAVE BEEN STRAIGHTENED, THE ROAD HAS BEEN WIDENED AND SURFACED, PROBABLY WITH OIL). REFERENCE -- AMS MAPS E723, SHEETS 3680 I, 3680 IV. AND 3681 III, 1ST ED, JUL 60. SANTA FE AREA, HIGHWAY CONSTRUCTION 2145N Ø8245W Ø586 179D ON ISLE OF PINES. HIGHWAY UNDER CONSTRUCTION FROM SANTA FE TO SAN ANTONIO DE LOS INDIOS (21-45N 83-00). ROUTE FOLLOWS EXISTING TRAILS. REFERENCE -- AMS MAPS E721, 3581 II AND III, 1ST ED, JUL 60.

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City, Installation	Coordinates	WAC		n Numbers
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SIGUANEA AREA; MILITARY CAMP 6.5 NM NNE OF SIGUANEA; ON ISLE OF PINES; AT 21-44-50N 82-55-15W.  PROBABLY FENCED AREA CONTAINING 5 BUILDINGS 80 X 20 FT; AND 60 X 60 FT).  DEFENSES - ZIG-ZAG TRENCHES ON 2 SIDES OF CAMP. 7 UNOCCUPIED LARGE WEAPONS POSITIONS INTERCONNECTED BY TRENCH SYSTEM 1 NM WSW OF CAMP AT 21-44-20N 82-56-15W. POSITIONS ARE ON A NORTH-SOUTH LINE ATOP A HILL. VEHICLES/EQUIPMENT 9 VEHICLES IN CAMP.	2145N Ø8255W	Ø586		190F
SANTA FE AREA; AIRFIELD  5 NM NNW OF SANTA FE; ISLE OF PINES; 2  NATURAL SURFACE RUNWAYS; ORIENTED NNE/SSW  AND NE/SW; HAVE BEEN PLOWED UP; NOT  IN ASSOTW;	2146N Ø825ØW	Ø586		179A
JUCARO AREA, PORT FACILITY  3 NM ESE OF JUCARO AT 21-47-50N  82-40-20W. ONE PIER, APPROXIMATELY 700  FT LONG, ONE BUILDING AT FOOT OF PIER, 3  SMALL BUILDINGS IN AREA. DIRT ROAD CONNECTS  AREA WITH JUCARO-SANTA FE HIGHWAY. BEACH  AROUND PIER DEFENDED BY EXTENSIVE TRENCH  SYSTEM.	2148N Ø824ØW	Ø586		281A
JUCARO; PORT •3 NM SW OF JUCARO.  3 DREDGED SLIPS FOR SMALL CRAFT ON JUCARO RIVER. 1 BARGE.	2149N Ø8244W	Ø586	50057	281

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Installation Numbers City, Installation Coordinates BE NPIC 215ØN Ø8247W 0586 133 COLONEL MARTIN MARRERRO AIRFIELD 4 NM SSE OF NUEVA GERONA, ON THE ISLE OF PINES. 6,000 X 150 FT NE/SW RUNWAY, 2,750 X 150 FT NNW/SSE RUNWAY, BOTH PROBABLY CRUSHED STONE, BOTH SERVICEABLE. LISTED IN ASSOTW, VOL 6, OCT 60. AIRCRAFT -- ONE LIAISON-TYPE. DEFENSES -- RECENTLY DUG TRENCHES BETWEEN NNW/SSE RUNWAY AND CONTROL BUILDING, AND NW OF INTERSECTION OF RUNWAYS. 2153N Ø8246W 0586 133A PRESIDIO MODELO AIRFIELD EAST SIDE OF PRISON ON THE ISLE OF PINESS 2,500 X 65 FT NNE/SSW SOD RUNWAY UNSERVICEABLE (PARTIALLY OVERGROWN WITH VEGETATION). LISTED IN ASSOTWS VOL 69 JUL 590 AIRCRAFT -- NONE. 2153N Ø8248W Ø586 133B NUEVA GERONA, PORT FACILITIES ISLE OF PINES, EAST SIDE OF NUEVA GERONA ON RIVER. FIVE SMALL DOCKS TOTALING APPROXIMATELY 1,500 FT OF WHARFAGE. VESSELS -- ONE COASTAL FREIGHTER, ONE PROBABLE COASTAL FREIGHTER LISTING IN RIVER, TWO LARGE BARGES/LIGHTERS, NUMEROUS SMALL CRAFT. 6ØB 22Ø1N Ø782ØW 0586 CUNAGUA AREA; LANDING STRIP 4.4 NM SSE OF CUNAGUA. 4,500 X 200 FT E/W SOD RUNWAY. REGRADING OF STRIP IN PROGRESS. NOT LISTED IN ASSOTW. AIRCRAFT -- NONE.

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City, Installation	Coordinates	WAC	Installatio BE	n Numbers NPIC
PINA AREA; LANDING STRIP  IMMEDIATELY NE OF PINA.  2,900 X 150 FT NE/SW SOD RUNWAY;  UNSERVICEABLE (STRIP CROSSED BY WIDE  DITCHES). NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	22Ø1N Ø7841W	Ø586	50	145
PINA; MORON SUGAR MILL SOUTH EDGE OF PINA. ONE LARGE PROCESSING BUILDING AND 12 ASSOCIATED BUILDINGS; RAIL SERVED. SIX STORAGE TANKS.	2201N 07842W	Ø586	·	145Å
PINA, POL STORAGE SOUTH EDGE OF PINA. 2 REVETTED STORAGE TANKS. RAIL SERVED.	22Ø1N Ø7842W	Ø586		145B
CUNAGUA, SUGAR MILL SW EDGE OF CUNAGUA. ONE LARGE PROCESSING BUILDING, 3 ASSOCIATED BUILDINGS, 4 LARGE STORAGE TANKS. RAIL SERVED.	2205N 07820W	Ø586		6ØA
CUNAGUA, LANDING STRIP  JUST NW OF CUNAGUA, 2,000 X 150 FT  ENE/WSW SOD RUNWAY, NOT SERVICEABLE  WINDROWS ACROSS RUNWAY, UNDER CULTIVATION,  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2205N 07821W	Ø586		6Ø
MORON AREA, PATRIA SUGAR MILL 2 NM SSE OF MORON. ONE LARGE PROCESSING BUILDING AND 5 ASSOCIATED	2205N 07836W		ECRET	129A CHES

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City, Installation	Coordinates	WAC	Installatio	n Numbers
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MORON AREA, LANDING STRIP 1.6 NM S OF MORON. 1.900 X 150 FT NE/SW SOD RUNWAY. SERVICEABLE. NOT IN ASSOTW. AIRCRAFT ONE LIAISON-TYPE.	22Ø5N Ø7838W	0586		129
MORON COMPLEX ROAD AND RAIL CENTER IN EAST-CENTRAL CUBA. TOWN INCLUDES SOME SCATTERED INDUSTRIES AND RAILROAD YARD WITH REPAIR FACILITIES.	2206N 07837W	Ø586		<b>1</b> 29B
PLAYA SANTA GERTRUDIS, PORT FACILITIES  NE EDGE OF PLAYA SANTA GERTRUDIS, 5.8  NM SSW OF CUNAGUA. ONE LONG AND 4 SMALL  PIERS. ROAD SERVED. AT LEAST 3 WAREHOUSES.  VESSELS NONE.	2210N 07818W	Ø586		6ØC
FALLA, ADELAIDA SUGAR MILL JUST WEST OF FALLA. 7 STORAGE TANKS. ONE LARGE PROCESSING BUILDING, 3 LARGE ASSOCIATED BUILDINGS. RAIL SERVED.	221ØN Ø7848W	Ø586		72
PUNTA ALEGRE LANDING STRIP 2.7 NM ESE OF PUNTA ALEGRE. 2,790 X 200 FT NW/SE SOD RUNWAY. 3,000 X 100 FT NE/SW SOD RUNWAY. PROBABLY SERVICEABLE FOR LIGHT AIRCRAFT. LISTED IN ASSOTW, VOL 6, JUL 59. AIRCRAFT - NONE.	2222N Ø7846W	Ø586		151A

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PUNTA ALEGRE AREA; SUGAR MILL 2.2 NM ENE OF PUNTA ALEGRE. ONE PROCESSING BUILDING; 4 STORAGE TANKS. RAIL SERVED.	2223N Ø7847W	Ø586		1518
PUNTA ALEGRE AREA, PORT FACILITY 2.5 NM ENE OF PUNTA ALEGRE AT PUNTA DE SAN JUAN. 2 LARGE DEEP WATER PIERS, PROBABLY RAIL SERVED. RAIL YARD ADJACENT TO PUNTA ALEGRE SUGAR MILL. VESSELS 4 PROBABLE CARGO SHIPS AT PIERS.	2223N Ø7847W	Ø58 <b>6</b>		151E
ARROYO BLANCO AREA, ELECTRONICS INSTALLATION 3.6 NM WEST OF ARROYO BLANCO. SELF~SUPPORTING TOWER WITH ASSOCIATED BUILDING ATOP HILL. AMS MAP E723, 4382II, 1ST ED, FEB 60, SHOWS TELEPHONE TOWER AT THIS LOCATION.	2202N 07909W	Ø586		298
FOMENTO AREA, MINING ACTIVITY 3.5 NM S OF FOMENTO. STRIP MINE, SEVERAL SMALL STORAGE/SUPPORT BUILDINGS.	2203N 07943W	Ø586 `		75
AGABAMA, ESCAMBRAY SUGAR MILL WEST EDGE OF AGABAMA. ONE LARGE PROCESSING BUILDING AND 6 ASSOCIATED BUILDINGS. ONE LARGE STORAGE TANK. RAIL SERVED.	2208N 07945W	Ø586		75B

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City, Installation	Coordinates	WAC	Installatio BE	n Numbers NPIC
MANICARAGUA AREA, NEW HIGHWAY U/C OLD ROAD BEING REBUILT AS HIGHWAY, TWO OR MORE LANES, ALL-WEATHER LOOSE SURFACE. TWO BRIDGES IN EARLY STAGES OF CONSTRUCTION AT 2206N 07955W. HIGHWAY RUNS FROM MANICARAGUA TO GUINIA DE MIRANDA (2203N 07952W).	22Ø9N Ø7959W	Ø586	5.	291A
JARAHUECA, OIL FIELD & POL STORAGE  3.6 NM SSW OF JARAHUECA.  4 SMALL TANKS, AT LEAST 6 OTHER SCATTERED  TANKS, SEVERAL COLLECTING TANKS AND PONDS.  NO RIGS OBSERVED. ROAD SERVED.	2211N Ø7922W	Ø586	·	· 91B
MAYAJIGUA, LANDING STRIP  •8 NM SSE OF MAYAJIGUA.  3,450 FT X 160 FT ENE/WSW SOD RUNWAY.  SERVICEABLE FOR LIGHT AIRCRAFT. LISTED  IN ASSOTW; VOL 6, AUG 59.  AIRCRAFT NONE.	2213N 07904W	Ø586		121
PLACETAS AREA, ZAZA SUGAR MILL 2 NM SE OF PLACETAS. ONE LARGE PROCESSING BUILDING AND 4 ASSOCIATED BUILDINGS, RAIL SERVED. 2 STORAGE TANKS.	2217N Ø7938W	Ø586		228A
SANTA CLARA AREA, AGABAMA DAM 7 NM SE OF SANTA CLARA, TWO CONCRETE DAMS AND RESERVOIRS,	2217N Ø7953W	Ø586	FORT	177J

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City, Installation	Coordinates	WAC		n Numbers
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BAEZ AREA; ROADBLOCK 8.5 NM NW OF BAEZ AT 22-16-33N Ø79-53-45W; ON THE ANTIGUO CAMINO REAL DE FOMENTO Y TRINIDAD; ROADBLOCK PROBABLY CONSISTS OF FELLED TREES;	2217N Ø7954W	Ø586		344
NELA, SUGAR MILL WEST EDGE OF NELA. ONE PROCESSING BUILDING, 3 ASSOCIATED BUILDINGS, 2 STORAGE TANKS, ROAD AND RAIL SERVED.	2219N Ø79Ø4W	Ø586	. ,	131
NELA: AIRFIELD  NORTH SIDE OF TOWN: 3,300 X 300 FT N/S  SOD RUNWAY: SERVICEABLE FOR LIGHT  AIRCRAFT: ONE HANGAR 65 X 35 FT:  AIRCRAFT NONE:	2219N Ø79Ø4W	Ø586	· .	131A
YAGUAJAY AREA; AIRFIELD  •5 NM NE OF YAGUAJAY•  1:700 X 170 FT NE/SW SOD RUNWAY;  SERVICEABLE FOR LIGHT AIRCRAFT•  AIRFIELD NOT LISTED IN ASSOTW•  AIRCRAFT NONE•	2219N Ø7914W	Ø586		299
PLACETAS AREA, SAN JOSE SUGAR MILL 3.8 NM EAST OF PLACETAS. ONE LARGE PROCESSING BUILDING, 7 ASSOCIATED BUILDINGS, COOLING POND. 2 STORAGE TANKS. RAIL SERVED.	2219N Ø7935W	Ø586	ECDET	228

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VITORIA, SUGAR MILL CENTER OF VITORIA. ONE LARGE PROCESSING BUILDING AND 3 ASSOCIATED BUILDINGS, RAIL SERVED. TWO STORAGE TANKS.	222ØN Ø7913W	Ø586		2Ø8Å
NARCISA, SUGAR MILL NORTH SIDE OF NARCISA. ONE LARGE PROCESSING BUILDING AND 2 ASSOCIATED BUILDINGS, RAIL SERVED.	222ØN Ø7915W	Ø58 <b>6</b>		130
SANTA CLARA AREA, RADIO STATION 3.2 NM S OF SANTA CLARA. MEDIUM-FREQUENCY BROADCASTING STATION. LATTICE TOWER AND 2 ASSOCIATED BUILDINGS.	222ØN Ø7958W	Ø586		177G
ZULUETA AREA; SAN PABLO SUGAR MILL  1.7 NM SW OF ZULUETA. ONE LARGE  PROCESSING BUILDING AND 4 ASSOCIATED  BUILDINGS; RAIL SERVED. ONE STORAGE TANK.	2221N Ø7936W	Ø586		21ØA
SAN ANDRES AREA, FIDENCIA SUGAR MILL 1.5 NM WSW OF SAN ANDRES. ONE LARGE PROCESSING BUILDING AND 7 ASSOCIATED BUILDINGS, RAIL SERVED. THREE STORAGE TANKS.	2221N Ø7939W	Ø586		161
SANTA CLARA AREA, MILITARY CAMP ONE NM SE OF SANTA CLARA. CAMP CONSISTS OF ONE LARGE H-SHAPED BUILDING, ONE 3-SECTION STORAGE-TYPE BUILDING, 3 SUPPORT BUILDINGS. CAMP IS OF RECENT CONSTRUCTION. NO	2222N Ø7957W	Ø586	*. *.	177L

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SANTA CLARA AREA, MICROWAVE & POSSIBLE VHF/UHF ATOP HILL 3 NM S OF SANTA CLARA. TOWER AND ASSOCIATED BUILDING.	2222N Ø7958W	Ø586		177F
NELA AREA, PORT FACILITIES  4.2 NM NORTH OF NELA. 1 LONG PIER, WITH STORAGE TANK AND OFF-LOADING FACILITIES AT END OF PIER. RAIL SERVED. VESSELS NONE.	2223N Ø79Ø4W	Ø58 <del>6</del>		45
VITORIA, PORT FACILITY 2.7 NM NNE OF VITORIA. RAIL—SERVED PIER. 2 WAREHOUSES, 1 STORAGE TANK. VESSELS NONE.	2223N Ø7912W	Ø586		2Ø8
BUENA VISTA, ADELA SUGAR MILL  1.5 NM NW OF BUENA VISTA.  ONE PROCESSING BUILDING, 7 ASSOCIATED  BUILDINGS, 4 STORAGE TANKS, RAIL SERVED.	2223N Ø793ØW	Ø586·		247
ZULUETA AREA, SAN AGUSTIN SUGAR MILL 1.5 NM NE OF ZULUETA. ONE LARGE PROCESSING BUILDING AND 5 ASSOCIATED BUILDINGS, RAIL SERVED. THREE STORAGE TANKS.	2223N Ø7933W	Ø586		210
SANTA CLARA, PROBABLE RADIO TOWERS EASTERN EDGE OF SANTA CLARA, TWO LATTICE-TYPE TOWERS AND ONE	2224N Ø7957W	Ø586		1771
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City, Installation	Coordinates	WAC		n Numbers
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ASSOCIATED BUILDING OBSERVED.  SANTA CLARA COMPLEX IMPORTANT SUGAR AND TOBACCO PROCESSING AND HANDLING CENTER, AND MILITARY HEADQUARTERS OF LAS VILLAS PROVINCE. COMPLEX COVERS AN AREA OF APPROXIMATELY 5 SQUARE MILES.	2225N Ø7957W	Ø586		177C ·
THE MAIN EAST-WEST RAIL LINE OF CUBA PASSES THROUGH THE NORTH SIDE OF THE CITY. RAIL YARDS AND SHOPS ARE LOCATED ON THE NORTH— EAST SIDE OF THE CITY. NEW HIGHWAY BYPASS SOUTH OF TOWN. URBAN EXPANSION TO THE SOUTH.  SANTA CLARA AIRFIELD	2225N Ø7959W	Ø586		177E
NW EDGE OF SANTA CLARA.  3,600 X 150 FT WNW/ESE SOD RUNWAY;  SERVICEABLE. FACILITIES INCLUDE CONTROL  TOWER, ONE SMALL HANGAR, ONE PROBABLE  HANGAR, 4 SUPPORT BUILDINGS. LISTED IN  ASSOTW, VOL 6, DEC 58.  AIRCRAFT — A TOTAL OF 9, INCLUDING ONE  C-47, 7 LIAISON-TYPE, AND ONE DERELICT.	2223N 27339W	2000		A. F F (
CAMAJUANI AREA, FE SUGAR MILL 2.8 NM SE OF CAMAJUANI. ONE LARGE PROCESSING BUILDING AND 6 ASSOCIATED BUILDINGS, RAIL SERVED. ONE STORAGE TANK.	2226N Ø7941W	Ø586		28
REMEDIOS AREA, MINING & MILLING 4 NM WEST OF REMEDIOS.	2229N Ø7937W	Ø586		157

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	333141114133	"	BE	NPIC
MINE, ORE CRUSHER, PROCESSING BUILDING, ASSOCIATED U/I BUILDING, RAIL SERVED.				
SANTA CLARA INTERNATIONAL AIRFIELD  6 NM NNE OF SANTA CLARA.  9,600 X 270 FT E/W GRADED EARTH RUNWAY.  UNSERVICEABLE. PILES OF DIRT PREVENT USE  OF RUNWAY AND TAXIWAYS.  HANGAR. REPORTED AS UNDER CONSTRUCTION  FROM  COMPLETED. NO CONSTRUCTION ACTIVITY  APPARENT AT THE TIME OF PHOTOGRAPHY.  LISTED IN ASSOTW, VOL 6, SEP 60.  AIRCRAFT NONE.	2229N Ø7955W	Ø586		1770
CAIBARIEN AIRFIELD  1 NM SOUTH OF CAIBARIEN.  3,000 X 100 FT NE/SW HARD-SURFACE RUNWAY, SERVICEABLE. LISTED IN ASSOTW, VOL 6, JUN 59. AIRCRAFT NONE.	223ØN Ø7928W	Ø586		26
CAIBARIEN AREA, REFORMA SUGAR MILL 1.7 NM SW OF CAIBARIEN. ONE LARGE PROCESSING BUILDING, RAIL SERVED. ONE STORAGE TANK.	223ØN Ø793ØW	Ø586		260
SANTA CLARA AREA, CARMITA SUGAR MILL 10 NM NE OF SANTA CLARA. ONE LARGE PROCESSING BUILDING AND 5 OTHER BUILDINGS. RAIL SERVED. THREE STORAGE TANKS.	223ØN Ø7949W	Ø586		177

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City, Installation	Coordinates	WAC		n Numbers
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CAIBARIEN AREA, POSSIBLE MILITARY DEFENSES ONE NM NE OF CAIBARIEN ON PUNTA BRAVA OVERLOOKING APPROACHES TO PORT OF CAIBARIEN. 11 POSSIBLE AUTOMATIC WEAPONS POSITIONS, PROBABLY UNOCCUPIED.	2231N Ø7927W	Ø586		26E
CAIBARIEN, PORT FACILITIES  NW EDGE OF CAIBARIEN. EIGHT COVERED  PIERS, 3 OPEN PIERS, 22 STORAGE  BUILDINGS, 3 STORAGE TANKS, NUMEROUS  SMALL PIERS. ROAD AND RAIL SERVED.  VESSELS MISCELLANEOUS SMALL CRAFT.	2232N Ø7928W	Ø586		26A
ENCRUCIJADA AREA, NEW HIGHWAY BRIDGE U/C 5.3 NM EAST OF ENCRUCIJADA.  NEW HIGHWAY BRIDGE BEING CONSTRUCTED  OVER RIO SAGUA LA CHICA (ROUTE 4~53).  BRIDGE WILL HAVE THREE SPANS AND TWO OR  MORE LANES. NO RECENT WORK ON ROADBED AND  APPROACHES APPARENT.	2236N Ø7945W	Ø586	•	69A
ENCRUCIJADA AREA, CONSTANCIA SUGAR MILL 1.5 NM SSE OF ENCRUCIJADA, ONE LARGE PROCESSING BUILDING, ONE SMALL STORAGE TANK. RAIL SERVED.	2236N Ø7951W	Ø586		69
MATA AREA; MACAGUA SUGAR MILL 1.9 NM SOUTH OF MATA. ONE LARGE PROCESSING BUILDING; 5 ASSOCIATED BUILDINGS. RAIL SERVED.	2236N Ø7957W	Ø586		119A

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City, Installation	Coordinates	WAC		n Numbers
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MATA AREA, SANTA LUTGARDA SUGAR MILL 1 NM NW OF MATA. ONE LARGE PROCESSING BUILDING, 6	2238N Ø7957W	<b>0</b> 5 <sub>8</sub> 6		119
ASSOCIATED BUILDINGS, 2 STORAGE TANKS, RAIL SERVED.  CALABAZAR DE SAGUA AREA, PURIO SUGAR MILL	2240N 07952W	Ø586		240
1.6 NM NNE OF CALABAZAR DE SAGUA. ONE LARGE PROCESSING BUILDING. 4 STORAGE TANKS. RAIL SERVED. NEW HOUSING COMPLEX ON NORTH SIDE.	ZZTUN UTJJZN	2200		240
ESTRELLA AREA, NAZABAL SUGAR MILL 2 NM NW OF ESTRELLA. ONE LARGE PROCESSING BUILDING, AND 2 LARGE STORAGE BUILDINGS. RAIL SERVED. ONE LARGE AND ONE PROBABLE MEDIUM TANK.	2245N Ø7946W	Ø586		222
SANTA CLARA AREA; COMMUNICATIONS SITE 3 NM NE OF SANTA CLARA; 2 STICK MASTS; EACH OF WHICH HAS AN ASSOCIATED SMALL BUILDING.	2256N Ø7955W	Ø586		177B
JURAGUA; LANDING STRIP JUST EAST OF JURAGUA. FIELD ABANDONED; OVERGROWN WITH VEGETATION. PART OF FIELD BEING USED FOR BASEBALL AND SOCCER FIELD. NOT LISTED IN ASSOTW.	2206N 08033W	Ø586		285

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Installation Numbers WAC City, Installation Coordinates ВE NPIC AIRCRAFT -- NONE. 2206N Ø8Ø34W Ø586 285A JURAGUA, MINING AND MILLING SW EDGE OF JURAGUA. 2 SMALL OPEN-PIT MINES WITH CONVEYOR SYSTEMS, 1 LARGE PROCESSING BUILDING, ONE VERTICAL AND 3 HORIZONTAL LIQUID STORAGE TANKS - RAIL AND ROAD SERVED . 192 2207N Ø8020W Ø586 SOLEDAD, SOLEDAD SUGAR MILL NORTH EDGE OF TOWN. ONE LARGE PROCESSING BUILDING, SIX ATTACHED ASSOCIATED BUILDINGS, THREE LARGE RAIL-SERVED STORAGE BUILDINGS, ONE LARGE STORAGE TANK, ONE WATER TANK . 510 CIENFUEGOS AREA, MILITARY DEFENSES 22Ø7N Ø8Ø26W Ø586 1.3 NM SSE OF CIENFUÉGOS RAILROAD STATION, AT PUNTA YERBA. 6 AUTOMATIC WEAPONS POSITIONS, UNOCCUPIED. 104 22Ø8N Ø8Ø18W Ø586 LOS GUAOS, IRON-ORE MINE SW EDGE OF LOS GUAOS. 3 SMALL ROAD-SERVED PITS, 5 BUILDINGS. CIENFUEGOS AREA, PROBABLE NAVIGATION BEACON 51L 22Ø8N Ø8Ø25W Ø586 1.5 NM ESE OF CIENFUEGOS RAILROAD STATION AND YARDS. ONE SELF-SUPPORTING TOWER WITH ASSOCIATED BUILDING IS LOCATED 4,000 FEET SSW OF SOUTH END OF SSW/NNE RUNWAY OF JAIME GONZALEZ AIRFIELD AND IS IN LINE WITH RUNWAY. TOWER PROBABLY IS A BROADCAST

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BEACON AND NAVIGATION AID.			BE	NPIC
CIENFUEGOS AREA; BROADCASTING STATION  •7 NM SW OF CIENFUEGOS RAILROAD STATION  AND YARDS. ONE SELF-SUPPORTING LATTICE  TOWER; ONE BUILDING.	22Ø8N Ø8Ø27W	Ø586		51K
CIENFUEGOS, POL STORAGE (STANDARD OIL) WEST SIDE OF CIENFUEGOS, ON SOUTHERN END OF PUNTA MAJAGUA. TWO LARGE STORAGE TANKS AND 2 SMALL STORAGE TANKS. VEHICLES/EQUIPMENT 5 TANK CARS, 6 BOXCARS. VESSELS NONE.	22Ø8N Ø8Ø28W	Ø586		51D
JURAGUA AREA, PORT FACILITIES  3.3 NM ENE OF JURAGUA.  ONE 1,800 FT POL PIER. ELEVATED PIPELINE RUNNING FROM PIER TO M-SHAPED BUILDING (180 X 135 FT), THEN IN DIRECTION OF JURAGUA. ROAD SERVED.  VESSELS ONE 465-FT FREIGHTER AT PIER, TWO BARGES.	22Ø8N Ø8Ø31W	Ø586		285B
CIENFUEGOS, PORT FACILITIES PORT INCLUDES APPROXIMATELY 4,000 FEET OF PRINCIPAL WHARFAGE, ALONGSIDE BERTHING FACILITIES AND PIERS, MOST OF THESE ARE SITUATED WITHIN ENSENADA MARSILLAN ON WEST SIDE OF CIENFUEGOS. ONE LARGE RAILROAD PIER AND ONE PIPELINE PIER ARE ON THE NW SIDE OF THE PORT. SMALL NAVAL BASE WITH TWO PIERS ON CAYO LOCO. THE PORT AREA HAS ADEQUATE STORAGE	2209N 08027W	Ø586		51A

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Installation Numbers

Coordinates WAC City, Installation ΒE I NPIC FACILITIES, INCLUDING PETROLEUM AND MOLASSES TANKS. RAILROAD YARD SERVING AREA IS IN THE NORTH-CENTRAL PART OF THE PENINSULA. REPAIR FACILITIES ARE SCATTERED THROUGHOUT THE AREA AND INCLUDE SEVERAL MARINE RAILWAYS AND CAREENING AREAS VESSELS -- ONE FREIGHTER, 465 FT, ANCHORED JUST OUTSIDE HARBOR. 2 LIGHTERS ALONG SIDE. VEHICLES/EQUIPMENT -- MARSHALLING YARD AT 60 PERCENT OF CAPACITY. CIENFUEGOS AREA, HIGHWAY CONSTRUCTION

1 NM NORTH OF CIENFUEGOS. CONSTRUCTION 2209N 08027W Ø586 51N NEARING COMPLETION ON ROUTE 4-36. NEW INTERCHANGES BEING ADDED TO EXISTING HIGHWAY, APPROACHES TO CITY BEING WIDENED FROM 2 TO 4 LANES. HIGHWAY APPEARS TO BE IN LAST PHASE OF CONSTRUCTION, ASPHALT OR BLACKTOP BEING APPLIED TO NEW HIGHWAY. (FIFTY PERCENT OF CONSTRUCTION SITE OBSCURED BY CLOUDS WHICH PRECLUDE DETAILED ANALYSIS. DESCRIPTION FROM 22Ø9N Ø8Ø27W Ø586 51J CIENFUEGOS COMPLEX THE CITY COVERS AN AREA OF APPROXIMATELY 5 SQUARE MILES. MOSTLY RESIDENTIAL WITH SUGAR REFINING AND SHIPPING INDUSTRIES LOCATED IN THE WESTERN PART OF THE CITY. HIGHWAY CONSTRUCTION IS CONTINUING ON ROUTE 4-36 WITH ADDITIONAL INTERCHANGES AND EXPANSION OF APPROACHES TO THE CITY FROM 2-TO 4-LANES. A RAIL LINE EXTENDS NORTH FROM THE CITY CONNECTING WITH THE 3 10

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City, Installation	Coordinates	WAC		n Numbers
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GENERAL RAIL SYSTEM OF THE ISLAND.				
CIENFUEGOS, NAVAL STATION NORTH SIDE OF CIENFUEGOS, ON CAYO LOCO. VESSELS 13 SMALL CRAFT. VEHICLES/EQUIPMENT 5 VEHICLES.	2209N 08027W	Ø586		51 <b>I</b>
CIENFUEGOS, POL STORAGE (SINCLAIR) WEST SIDE OF CIENFUEGOS IN PORT AREA. FOUR LARGE REVETTED STORAGE TANKS. ONE SMALL VERTICAL POL TANK. RAIL SERVED. VEHICLES/EQUIPMENT 11 PROBABLE TANK CARS. (HEAVY CLOUDS PRECLUDE DETAILED ANALYSIS. DESCRIPTION OF STORAGE SITE	22Ø9N Ø8Ø28W	Ø586		51E
CIENFUEGOS, THERMAL POWER PLANT NORTH EDGE OF CIENFUEGOS.  1 LARGE MULTISTORY BUILDING, WATER INTAKE SYSTEM, 2 POL STORAGE TANKS, 1 TRANSFORMER YARD, 4 ASSOCIATED BUILDINGS.	221ØN Ø8Ø27W	Ø586		51H
CONSTANCIA AREA, POSS SUGAR MILL U/C 2.3 NM SSE OF CONSTANCIA IN VILLAGE OF SIMPATIA. FOOTINGS FOR LARGE PROBABLE MULTISECTIONAL BUILDING. CONNECTED BY ROAD WITH CONSTANCIA. (DESCRIPTION FROM HEAVY CLOUDS PRECLUDE DETAILED ANALYSIS FROM	2213N Ø8Ø34W	Ø586		56C
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City, Installation	Coordinates	WAC		n Numbers
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CONSTANCIA AREA, LANDING STRIP  3.5 NM E OF CONSTANCIA. 2,900 X 250 FT  NE/SW SOD RUNWAY. (DESCRIPTION FROM  HEAVY CLOUDS  PRECLUDE DETAILED ANALYSIS FROM MISSION  NOT LISTED IN ASSOTW.  AIRCRAFT NONE VISIBLE.	2214N Ø8Ø31W	Ø586		56
CONSTANCIA, SUGAR MILL SE EDGE OF CONSTANCIA. ONE LARGE PROCESSING BUILDING, ONE ADMINISTRATIVE BUILDING, 12 SUPPORT BUILDINGS, AND ONE VERTICAL STORAGE TANK. ROAD AND RAIL SERVED. (DESCRIPTION FROM HEAVY CLOUDS PRECLUDE DETAILED ANALYSIS FROM MISSION	2214N Ø8Ø35W	Ø586		56A
CONSTANCIA AREA, MANUELITA SUGAR MILL 3 NM EAST OF CONSTANCIA. ONE LARGE PROCESSING BUILDING CONNECTED BY CONVEYERS TO AN M-SHAPED STORAGE BUILDING. 12 SUPPORT-TYPE BUILDINGS, AND 2 VERTICAL STORAGE TANKS. RAIL SERVED.	2215N Ø8Ø32W	Ø586		56B
POTRERILLO-TOPES DE COLLANTES, ROAD U/C ROAD CONSTRUCTION IS IN PROGRESS FROM TOPES DE COLLANTES (21-55N 80-02W) NORTHWEST TO A POINT 2 NM SE OF CUMANAYAGUA (22-08N 80-11W) WHERE NEW ROAD WILL JOIN ROUTE 4-18. CONSTRUCTION CONTINUES FROM NORTHWEST EDGE OF CUMANAYAGUA AND RUNS NORTHEAST TO POTRERILLO. ROAD WILL PROBABLY BE	2216N Ø8ØØ9W	Ø586		290

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Coordinates  2 OR MORE LANES, LOOSE SURFACE, ALL WEATHER, THREE BRANCH ROADS ARE ALSO U/C. ONE BRANCH BEGINS AT 22—04N 80—09W AND RUNS ONE NM SOUTHEAST TO VILLAGE OF EL MAMEY (22—03N 80—09W). ANOTHER BEGINS AT 22—04N 80—10W AND RUNS 1.6 NM SOUTHEAST TO VILLAGE OF PLAYITAS (22—01N 80—09W). THIRD BRANCH BEGINS AT GAVINA (21—57N 80—10W) AND RUNS SOUTH TO JOIN ROUTE 4—36 AT 20—51N 80—12W, .5 NM SOUTHEAST OF LA LUISA. REFERENCES —— AMS MAPS, SERIES E723, SHEETS 4181 I, 4182 I, AND 4182 II, 1ST ED (REV), 1960. (DESCRIPTION FROM MISSION HEAVY CLOUDS PRECLUDE DETAILED INTERPRETATION FROM MISSION  HEAVY CLOUDS PRECLUDE  DETAILED INTERPRETATION FROM MISSION  ONE LARGE PROCESSING BUILDING, 2 MEDIUM STORAGE TANKS, ONE SMALL STORAGE TANK, 3 SMALL ASSOCIATED BUILDINGS, AND ONE LARGE T—SHAPED BUILDING UNDER CONSTRUCTION AT NW EDGE OF MILL AREA. RAIL SERVED. VEHICLES/EQUIPMENT —— 5 PROBBBLE CANVAS— COVERED FIELD ARTILLERY PIECES STRUNG ALONG RAILROAD SIDING AT NW EDGE OF MILL AREA. TWO PROBABLE CANVAS—COVERED FIELD ARTILLERY PIECES TOWED BY TRUCKS, AT SE EDGE OF SITE. TEN TRUCKS, 2 VEHICLES.	WAC		n Numbers
WEATHER® THREE BRANCH ROADS ARE ALSO U/C® ONE BRANCH BEGINS AT 22-04N 80-09W AND RUNS ONE NM SOUTHEAST TO VILLAGE OF EL MAMEY (22-03N 80-09W).  ANOTHER BEGINS AT 22-02N 80-10W AND RUNS 1.6 NM SOUTHEAST TO VILLAGE OF PLAYITAS (22-01N 80-09W). THIRD BRANCH BEGINS AT GAVINA (21-57N 80-10W) AND RUNS SOUTH TO JOIN ROUTE 4-36 AT 20-51N 80-12W, .5 NM SOUTHEAST OF LA LUISA. REFERENCES AMS MAPS, SERIES E723, SHEETS 4181 I, 4182 I, AND 4182 II, 1ST ED (REV), 1960. (DESCRIPTION FROM MISSION  HEAVY CLOUDS PRECLUDE DETAILED INTERPRETATION FROM MISSION  HEAVY CLOUDS PRECLUDE DETAILED INTERPRETATION FROM MISSION  ONE LARGE PROCESSING BUILDING, 2 MEDIUM STORAGE TANKS, ONE SMALL STORAGE TANK, 3 SMALL ASSOCIATED BUILDINGS, AND ONE LARGE T-SHAPED BUILDING UNDER CONSTRUCTION AT NW EDGE OF MILL AREA. RAIL SERVED.  VEHICLES/EQUIPMENT 5 PROBABLE CANVAS- COVERED FIELD ARTILLERY PIECES STRUNG ALONG RAILROAD SIDING AT NW EDGE OF MILL AREA. TWO PROBABLE CANVAS-COVERED FIELD ARTILLERY PIECES TOWED BY TRUCKS AT SE	WAC	BE	NPIC
1.5 NM SE OF ROSARIO. ONE LARGE PROCESSING BUILDING, 2 MEDIUM STORAGE TANKS, ONE SMALL STORAGE TANK, 3 SMALL ASSOCIATED BUILDINGS, AND ONE LARGE T-SHAPED BUILDING UNDER CONSTRUCTION AT NW EDGE OF MILL AREA. RAIL SERVED. VEHICLES/EQUIPMENT 5 PROBABLE CANVAS- COVERED FIELD ARTILLERY PIECES STRUNG ALONG RAILROAD SIDING AT NW EDGE OF MILL AREA. TWO PROBABLE CANVAS-COVERED FIELD ARTILLERY PIECES TOWED BY TRUCKS AT SE			
	W Ø586		158
COVADONGA BYPASS EAST SIDE OF COVADONGA NEW ROAD	W Ø586	<b>5</b>	158A

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AROUND EAST SIDE OF TOWN, TYING FEDERAL ROUTE 4-56 JUST NORTH OF COVADONGA. ROAD HAS BEEN BLACKTO				
PALMIRA AREA, HORMIGUERO SUGAR MILI 3 NM NE OF PALMIRA. ONE LARGE PROCESSING BUILDING, ONE ADMINISTRATIVE BUILDING, 4 STORAGE BUILDINGS, APPROXIMATE SUPPORT BUILDINGS, AND 4 VERTICA STORAGE TANKS. ROAD AND RAIL SER (DESCRIPTION FROM CLOUDS OBSCURE APPROXIMATELY OF MILL ON	LY 20 L VED.	Ø586		232
SAN JUAN DE LOS YERAS, PASTORA SUG.  3 NM ESE OF SAN JUAN DE LOS YERA TWO LARGE PROCESSING BUILDINGS AND SEVERAL STORAGE BUILDINGS. ONE LARGE STORAGE TANK. RAIL SER	S &	Ø586		234
CRUCES AREA, ANDREITA SUGAR MILL 1.5 NM SOUTH OF CRUCES. ONE PROCESSING BUILDING, 2 ASSOC BUILDINGS. ONE LARGE STORAGE TAN RAIL SERVED.	ľ	Ø586		59
CRUCES AREA, ANDREITA LANDING STRI  1 NM S OF CRUCES. 2,260 X 90 FT RUNWAY PROBABLY SERVICEABLE. LIS IN ASSOTW, VOL 6, JUL 59. AIRCRAFT NONE.	E/W DIRT	Ø586		9
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CRUCES AREA; MADERA TEXTILE PLANT JUST SW OF CRUCES.  ONE LARGE BUILDING (5 SECTIONS). JUST WEST OF PLANT IS NEWLY CONSTRUCTED STORAGE AREA OF 10 LARGE SHEDS. ROAD AND RAIL SERVED.	222ØN Ø8Ø17W	Ø586	BE	59 <b>C</b>
CRUCES AREA; SAN AGUSTIN SUGAR MILL 2 NM WNW OF CRUCES. ONE LARGE PROCESSING BUILDING; ONE ADMINISTRATIVE BUILDING; 10 SUPPORT BUILDINGS; 1 MONITOR-ROOF BUILDING WITH ASSOCIATED HIGH SHAFT AND STORAGE TANK; AND 2 VERTICAL STORAGE TANKS. ROAD AND RAIL SERVED. (DESCRIPTION FROM SIXTY PERCENT CLOUD COVER PRECLUDES DETAILED ANALYSIS	2221N Ø8Ø18W	Ø586		59B
CRUCES AREA, LANDING STRIP  2 NM NW OF CRUCES, JUST NORTHEAST OF  SAN AGUSTIN SUGAR MILL. 2,600 X 70 FT SOD  RUNWAY, ORIENTED NE/SW, APPEARS  SERVICEABLE. LISTED IN ASSOTW, VOL 6,  JUL 59.  AIRCRAFT NONE.	2221N Ø8Ø18W	Ø586		46
RANCHUELO AREA, SANTA MARIA SUGAR MILL 2.5 NM WEST OF RANCHUELO. ONE LARGE PROCESSING BUILDING, ONE ADMINISTRATIVE BUILDING, 3 VERTICAL STORAGE TANKS, 2 STORAGE BUILDINGS AND 7 SUPPORT	2222N Ø8Ø12W		ECDET	154A

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City, Installation Coordinates WAC BE' BUILDINGS. ROAD AND RAIL SERVED. CRUCES AREA, SAN FRANCISCO SUGAR MILL 2 NM NE OF CRUCES. ONE L-SHAPED 2222N Ø8Ø15W 59D Ø586 PROCESSING BUILDING WITH 3 ATTACHED STORAGE BUILDINGS. ELEVATED PIPELINE TO A STEEL FRAME STRUCTURE (POSSIBLY A BUILDING UNDER CONSTRUCTION). ONE ADMINISTRATIVE BUILDING, 2 STORAGE BUILDINGS, AND 10 SUPPORT BUILDINGS. ROAD AND RAIL SERVED. (DESCRIPTION FROM CLOUD SHADOW PRECLUDES DETAILED INTERPRETATION FROM 59A 2222N Ø8Ø17W Ø586 CRUCES AREA, CARACAS SUGAR MILL 2 NM NORTH OF CRUCES. ONE LARGE PROCESSING BUILDING, 3 ASSOCIATED STORAGE BUILDINGS, 6 SUPPORT BUILDINGS, 1 ADMINISTRATIVE BUILDING, AND 3 VERTICAL STORAGE TANKS. ROAD AND RAIL SERVED. (DESCRIPTION FROM FIFTY PERCENT CLOUD COVER PRECLUDES DETAILED ANALYSIS FROM CRUCES AREA; SANTA CATALÍNA SUGAR MILL 3 NM NE OF CRUCES. 2223N Ø8Ø14W Ø586 59E ONE LARGE PROCESSING BUILDING, ONE LARGE STORAGE BUILDING, 9 ASSOCIATED SMALL BUILDINGS. 2 STORAGE TANKS. RAIL SERVED. (DESCRIPTION FROM CLOUDS AND CLOUD SHADOW PRECLUDE DETAILED INTERPRETATION FROM MISSION

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AGUADA DE PASAJEROS, LANDING AREA	2223N Ø8Ø51W	Ø586		4
SW EDGE OF AGUADA DE PASAJEROS.  3,300 X 3,300 FT SOD LANDING AREA,  SERVICEABILITY UNDETERMINED {DESCRIPTION  FROM CLOUDS  AND OBLIQUITY PRECLUDE DETAILED ANALYSIS  FROM LISTED IN ASSOTW,  VOL 6, JUN 59.	ZZZSN BOBSIN			•
AIRCRAFT NONE DISCERNIBLE.				
AMARILLAS LANDING STRIP  3.5 NM W OF AGUADA DE PASAJEROS. 2,000 X 100 FT NNE/SSW SOD RUNWAY, SERVICEABLE.  LISTED IN ASSOTW, VOL 6, 1952.  AIRCRAFT NONE.	2223N Ø8Ø55W	Ø586		6
SANTA CLARA AREA, COMMUNICATIONS TOWER 2 NM WEST OF SANTA CLARA. TALL STICK MAST WITH ASSOCIATED BUILDING.	2225N Ø8ØØ1W	Ø586		177K
CESPEDES, PORFUERZA SUGAR MILL  1 NM SW OF CESPEDES ONE LARGE PROCESSING BUILDING, 11 SMALLER ASSOCIATED BUILDINGS, ONE LARGE STORAGE TANK, 4 SMALLER STORAGE TANKS, SPRAY POND, RAIL SERVED.	2232N Ø8Ø52W	Ø586		49
SANTO DOMINGO AREA, MARIA ANTONIA SUGAR MILL 2 NM SE OF SANTO DOMINGO. ONE LARGE PROCESSING BUILDING. RAIL SERVED.	2234N Ø8Ø13W		ECDET	236 CHES

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MANGUITO AREA, ARAUJO SUGAR MILL 1.5 NM SW OF MANGUITO. ONE LARGE PROCESSING BUILDING. 9 SMALLER ASSOCIATED BUILDINGS, ONE MEDIUM STORAGE TANK, ONE SMALL TANK, COOLING POND. RAIL SERVED.	2234N Ø8Ø57W	Ø586		14
MANACAS AREA, WASHINGTON SUGAR MILL  1 NM EAST OF MANACAS. ONE LARGE PROCESSING BUILDINGS AND SEVERAL SMALL BUILDINGS; IN OPERATION. ONE LARGE, 2 MEDIUM, AND 2 SMALL STORAGE TANKS. RAIL SERVED.	2235N Ø8Ø19W	Ø586		2Ø9
MANACAS LANDING STRIP  JUST S OF MANACAS. 2,400 X 50 FT N/S SOD  RUNWAY. FIELD HAS BEEN CLEARED TO WIDTH OF  APPROX 150 FT, BUT ONLY CENTRAL 50 FT WIDTH  USABLE. LISTED IN ASSOTW, VOL 6, JUL 59.  AIRCRAFT NONE.	2235N Ø8Ø2ØW	Ø586		110
MANACAS AREA; PROBABLE MICROWAVE TOWER 2.5 NM WNW OF MANACAS. GUYED TOWER WITH SUPPORT BUILDING.	2236N Ø8Ø22W	Ø586		11ØB
MERCEDES, SUGAR MILL CENTER OF MERCEDES. ONE LARGE MULTISECTION PROCESSING BUILDING, 3 WAREHOUSES, 8 SMALLER ASSOCIATED BUILDINGS, ONE LARGE STORAGE TANK, 2 MEDIUM STORAGE TANKS, ONE PROBABLE BURIED-STORAGE TANK, SPRAY POND, WATER TOWER. RAIL SERVED.	2237N Ø8Ø53W	Ø586		125

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MANACAS AREA, LANDING STRIP  2 NM NW OF MANACAS, SOD RUNWAY 1,600 X 140  FT ORIENTED NE/SW APPEARS ABANDONED (RETURNED TO AGRICULTURE) BUT IS PROBABLY STILL SERVICEABLE, NOT LISTED IN ASSOTW, AIRCRAFT - NONE.  MORDAZO AREA, LANDING STRIP 1 NM WEST OF MORDAZO, 2,000 X 100 FT ENE/WSW SOD RUNWAY, UNSERVICEABLE (UNIDENTIFIED OBJECT	110A 296
2 NM NW OF MANACAS SOD RUNWAY 1,600 X 140 FT ORIENTED NE/SW APPEARS ABANDONED (RETURNED TO AGRICULTURE) BUT IS PROBABLY STILL SERVICEABLE NOT LISTED IN ASSOTW AIRCRAFT NONE  MORDAZO AREA LANDING STRIP 1 NM WEST OF MORDAZO 2,000 X 100 FT ENE/WSW SOD RUNWAY	
1 NM WEST OF MORDAZO. 2,000 X 100 FT ENE/WSW SOD RUNWAY.	296
POSITIONED IN MIDDLE OF LANDING STRIP).  NOT LISTED IN ASSOTW.	
CASCAJAL AREA, AIRFIELD  3 NM SE OF CASCAJAL. 1.500 X 100 FT E/W SOD STRIP, SERVICEABLE. ONE BUILDING AT END OF RUNWAY. NOT LISTED IN ASSOTW. AIRCRAFT - NONE.	292
ULACIA, SUGAR MILL WEST EDGE OF ULACIA. ONE LARGE PROCESSING BUILDING, 5 STORAGE BUILDINGS, 4 STORAGE TANKS. RAIL SERVED.	200
CIFUENTES AREA, UNIDAD SUGAR MILL 2.9 NM NE OF CIFUENTES. ONE LARGE PROCESSING BUILDING, ONE SMALL BUILDING, ONE LARGE AND ONE SMALL STORAGE TANK. RAIL SERVED.	52A

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ULACIA; CENTRAL ULACIA LANDING STRIP NE EDGE OF ULACIA. 2,100 X 165 FT NE/SW SOD RUNWAY; PROBABLY SERVICEABLE. LISTED IN ASSOTW; VOL 6, JUL 59. AIRCRAFT NONE.	2241N Ø8Ø12W	Ø586		200A	
SAN PEDRO DE MAYABON AREA; STORAGE SITE U/C ONE NM SOUTH OF SAN PEDRO DE MAYABON. 10 COMPLETED BUILDINGS AND FOUNDATIONS FOR 40 ADDITIONAL BUILDINGS; EACH APPROXIMATELY 200 X 40 FT. ROAD SERVED.	2241N Ø8Ø36W	Ø586		239B	
COLON AREA, RADIO STATION  1 NM SE OF COLON.  STATION IS LOCATED SOUTH OF AND DIRECTLY BEHIND LARGE, MODIFIED E-SHAPE ADMINISTRATIVE-TYPE BUILDING. STATION CONSISTS OF SINGLE GUYED RADIATOR, A T-SHAPED CONTROL BUILDING, AND 3 SMALLER BUILDINGS.	2242N Ø8Ø53W	Ø586		54A	
COLON AIRFIELD  SW EDGE OF COLON.  3,800 X 250 FT NE/SW SOD RUNWAY. RUNWAY DIVIDED ABOUT MIDWAY INTO 2 SEPARATE PARALLEL RUNWAYS, SERVICEABLE. ONE PROBABLE HANGAR, ONE CONTROL BUILDING, 3 SMALL T-SHAPED BUILDINGS. LISTED IN ASSOTW, VOL 6, AUG 59. AIRCRAFT 2 POSSIBLE LIAISON-TYPE.	2242N Ø8Ø55W	Ø586	型 X <sup>2</sup>	54	

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City, Installation	Coordinates	WAC		n Numbers
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SITIECITO AREA; CORAZON DE JESUS SUGAR MILL 2 NM SE OF SITIECITO. ONE LARGE PROCESSING BUILDING; ONE PROBABLE VERTICAL STORAGE TANK. RAIL SERVED.	2243N Ø8ØØ3W	Ø586		57
COLON COMPLEX ONE SQUARE MILE IN AREA 3 LIGHT INDUSTRIES. 4-TRACK RAIL CLASSIFICATION YARD WITH TURNING WYE. RADIO STATION. NEW STREETS LAID OUT ON NW EDGE OF TOWN. SOD AIRFIELD. MINING ACTIVITY NE OF TOWN.	22 <b>4</b> 3N Ø8Ø55W	Ø586		5 <b>4</b> B
SITIECITO, SANTA TERESA SUGAR MILL SW EDGE OF SITIECITO. ONE LARGE PROCESSING BUILDING, ONE LARGE STORAGE TANKS. RAIL SERVED.	2245N Ø8ØØ5W	Ø586		244
LOS ARABOS AREA, ZORILLA SUGAR MILL 3.5 NM ENE OF LOS ARABOS. ONE LARGE PROCESSING BUILDING AND 2 ASSOCIATED BUILDINGS, RAIL SERVED. THREE STORAGE TANKS.	2245N Ø8Ø4ØW	Ø586		103
BANAGUISES AREA, ALAVA SUGAR MILL  .7 NM SE OF BANAGUISES. ONE LARGE PROCESSING BUILDING AND 8 ASSOCIATED BUILDINGS, RAIL SERVED. SEVEN STORAGE TANKS.	2246N 08050W	Ø586	·	17

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TINGUARO, SUGAR MILL NORTH EDGE OF TINGUARO. ONE PROCESSING BUILDING CONNECTED TO WAREHOUSE BY CONVEYER, 5 ASSOCIATED BUILDINGS, AND 5 STORAGE TANKS. JUST OUTSIDE MILL AREA TO THE WEST THERE IS AN ADDITIONAL STORAGE TANK. OPEN BULK STORAGE OF LIGHT TEXTURED MATERIAL. RAIL SERVED.	2246N Ø8Ø58W	Ø586		195
SAGUA LA GRANDE, LANDING STRIP  JUST E OF SAGUA LA GRANDE.  SOD RUNWAY APPROXIMATELY 2,800 FT LONG.  SERVICEABLE FOR LIGHT ATRCRAFT.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2248N Ø8ØØ3W	Ø586		159
.SAGUA LA GRANDE, CHEMICAL PLANT SOUTH EDGE OF SAGUA LA GRANDE, THREE PROCESSING BUILDINGS, 3 STORAGE BUILDINGS, 5 STORAGE TANKS, ROAD SERVED,	2248N Ø8ØØ4W	Ø586		159C
SAGUA LA GRANDE AREA, RESULTA SUGAR MILL  1 NM SE OF SAGUA LA GRANDE.  ONE LARGE PROCESSING BUILDING, 7  ASSOCIATED BUILDINGS, 4 STORAGE TANKS.  RAIL SERVED.	2248N Ø8ØØ4W	Ø586		159D
SAGUA LA GRANDE COMPLEX RAILROAD AND INDUSTRIAL CENTER; ONE SQUARE MILE IN AREA. COMPLEX	2248N Ø8ØØ4W	Ø586	•	159A
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	CONTAINS RAIL CLASSIFICATION YARD, SHOPS AND ROUNDHOUSE, WAREHOUSE AREA, CHEMICAL PLANT, DISTILLERY, SUGAR MILL, AND SOD AIRFIELD. VEHICLES/EQUIPMENT AT LEAST 100 RAIL CARS IN CLASSIFICATION YARD.				
	SAGUA LA GRANDE AREA, MINING AND MILLING 3.2 NM W OF SAGUA LA GRANDE. TWO PROCESSING BUILDINGS, SEVERAL SMALL BUILDINGS.	2248N Ø8ØØ8W	Ø586		159B
	FELIPE AREA, LANDING STRIP  5 NM NE OF FELIPE. ESTIMATED 2,000 X 60  FT WNW/ESE SOD RUNWAY. SERVICEABLE FOR LIGHT AIRCRAFT. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2249N Ø8Ø28W	Ø586		239D
	FELIPE AREA, LANDING STRIP 3.7 NM NW OF FELIPE. 2.100 X 75 FT NE/SW SOD RUNWAY, NOT SERVICEABLE (LOGS STREWN ACROSS RUNWAY). NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2249N Ø8Ø34W	Ø586		239
	RANCHO VELOZ AREA, RESOLUCION SUGAR MILL 4.3 NM SE OF RANCHO VELOZ. ONE LARGE PROCESSING BUILDING AND 4 ASSOCIATED BUILDINGS, RAIL SERVED. THREE STORAGE TANKS.	2250N 08020W	Ø586		237
	FELIPE AREA; STORAGE SITE U/C 4.4 NM NNW OF FELIPE.	225ØN Ø8Ø33W	Ø586		239A
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Installation Numbers City, Installation Coordinates WAC ΒE NPIC 30 STORAGE BUILDINGS, EACH APPROXIMATELY 185 X 35 FT, UNDER CONSTRUCTION. 3 OF THE BUILDINGS HAVE BEEN ROOFED. AN ADDITIONAL 12 STORAGE BUILDINGS, EACH APPROXIMATELY 185 X 35 FT, HAVE BEEN CONSTRUCTED ONE NM TO THE NW AT 22-51N 80-34W. BOTH SITES ARE ROAD SERVED. FELIPE AREA, LANDING STRIP 225ØN Ø8Ø39W Ø586 239C 7.2 NM NW OF FELIPE, ONE NM WNW OF SAN JERONIMO. 2,700 X 100 FT E/W SOD RUNWAY, APPEARS SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT -- NONE. 225ØN Ø8Ø45W Ø586 238A SAN JOSE DE LOS RAMOS AREA, LANDING STRIP 3 NM NE OF SAN JOSE DE LOS RAMOS. 1,600 X 70 FT WNW/ESE SOD RUNWAY, SERVICEABLE. PROBABLE ADDITIONAL RUNWAY UNDER CONSTRUCTION, ORIENTED NNW/SSE AND MEASURING 1,000 X 80 FT. NOT LISTED IN ASSOTW. AIRCRAFT -- NONE. RANCHO VELOZ AREA, RAMONA SUGAR MILL 2251N Ø8Ø21W 0586 237A 2.5 NM SE OF RANCHO VELOZ. ONE LARGE PROCESSING BUILDING AND 8 ASSOCIATED BUILDINGS, 3 STORAGE TANKS, ONE COOLING POND, ONE PROBABLE COOLING TOWER. RAIL SERVED. CARAHATAS, PORT FACILITY 2255N Ø8Ø18W Ø586 235 5.6 NM ENE OF RANCHO VELOZ. ONE LARGE PIER WITH BUILDING ON END, 20 SMALL PIERS. ROAD SERVED.

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VESSELS NUMEROUS SMALL CRAFT.  RANCHO VELOZ AREA, MILITARY DEFENSES 3 NM NNE OF RANCHO VELOZ. 9 POSSIBLY OCCUPIED AUTOMATIC WEAPONS POSITIONS IN A LINE FACING THE COAST,  LA ISABELA, PORT FACILITIES NORTH SIDE OF LA ISABELA. 5 MAJOR PIERS, 2 OF WHICH ARE COVERED. NUMEROUS SMALL PIERS ON BOTH SIDES OF PENINSULA. 5 LARGE WAREHOUSES, RAIL AND ROAD SERVED. 4 STORAGE TANKS. VESSELS ONE CARGO SHIP 420 FT LONG AND NUMEROUS SMALL CRAFT.  PLAYA LA PANCHITA, MILITARY DEFENSES SOUTH EDGE OF PLAYA LA PANCHITA, ALONG ROUTE 4-57. ELEVEN OCCUPIED AUTOMATIC WEAPONS POSITIONS.  LA ISABELA, POL STORAGE SW EDGE OF LA ISABELA. RAIL SERVED. 3 LARGE STORAGE TANKS, ONE SMALLER PROBABLE VERTICAL TANK, AND ONE POSSIBLE HORIZONTAL TANK.  PLAYA LA PANCHITA, PORT FACILITIES 4 NM NNW OF RANCHO VELOZ. APPROXIMATELY 25 PIERS FOR SMALL CRAFT. ROAD SERVED. VESSELS APPROXIMATELY 60 SMALL CRAFT.	. City, Installation	Coordinates	WAC	Installatio	
RANCHO VELOZ AREA® MILITARY DEFENSES  3 NM NNE OF RANCHO VELOZ® 9 POSSIBLY OCCUPIED AUTOMATIC WEAPONS POSITIONS IN A LINE FACING THE COAST®  LA ISABELA® PORT FACILITIES NORTH SIDE OF LA ISABELA® 5 MAJOR PIERS® 2 OF WHICH ARE COVERED® NUMEROUS SMALL PIERS ON BOTH SIDES OF PENINSULA® 5 LARGE WAREHOUSES® RAIL AND ROAD SERVED® 4 STORAGE TANKS® VESSELS —— ONE CARGO SHIP 420 FT LONG AND NUMEROUS SMALL CRAFT®  PLAYA LA PANCHITA® MILITARY DEFENSES SOUTH EDGE OF PLAYA LA PANCHITA® ALONG ROUTE 4—57® ELEVEN OCCUPIED AUTOMATIC WEAPONS POSITIONS®  LA ISABELA® POL STORAGE SW EDGE OF LA ISABELA® RAIL SERVED® 3 LARGE STORAGE TANKS® ONE SMALLER PROBABLE VERTICAL TANK® AND ONE POSSIBLE HORIZONTAL TANK®  PLAYA LA PANCHITA® PORT FACILITIES 4 NM NNW OF RANCHO VELOZ® APPROXIMATELY 25 PIERS FOR SMALL CRAFT® ROAD SERVED® VESSELS —— APPROXIMATELY 6Ø SMALL CRAFT®				BE	NPIC
NORTH SIDE OF LA ISABELA.  5 MAJOR PIERS, 2 OF WHICH ARE COVERED. NUMEROUS SMALL PIERS ON BOTH SIDES OF PENINSULA. 5 LARGE WAREHOUSES, RAIL AND ROAD SERVED. 4 STORAGE TANKS. VESSELS — ONE CARGO SHIP 420 FT LONG AND NUMEROUS SMALL CRAFT.  PLAYA LA PANCHITA, MILITARY DEFENSES SOUTH EDGE OF PLAYA LA PANCHITA, ALONG ROUTE 4-57. ELEVEN OCCUPIED AUTOMATIC WEAPONS POSITIONS.  LA ISABELA, POL STORAGE SW EDGE OF LA ISABELA. RAIL SERVED. 3 LARGE STORAGE TANKS. ONE SMALLER PROBABLE VERTICAL TANK, AND ONE POSSIBLE HORIZONTAL TANK.  PLAYA LA PANCHITA, PORT FACILITIES 4 NM NNW OF RANCHO VELOZ. APPROXIMATELY 25 PIERS FOR SMALL CRAFT. ROAD SERVED. VESSELS — APPROXIMATELY 60 SMALL CRAFT.	RANCHO VELOZ AREA: MILITARY DEFENSES  3 NM NNE OF RANCHO VELOZ: 9 POSSIBLY OCCUPIED AUTOMATIC WEAPONS	2255N Ø8Ø22W	Ø586		2378
SOUTH EDGE OF PLAYA LA PANCHITA, ALONG ROUTE 4-57. ELEVEN OCCUPIED AUTOMATIC WEAPONS POSITIONS.  LA ISABELA, POL STORAGE SW EDGE OF LA ISABELA. RAIL SERVED. 3 LARGE STORAGE TANKS. ONE SMALLER PROBABLE VERTICAL TANK, AND ONE POSSIBLE HORIZONTAL TANK.  PLAYA LA PANCHITA, PORT FACILITIES 4 NM NNW OF RANCHO VELOZ. APPROXIMATELY 25 PIERS FOR SMALL CRAFT. ROAD SERVED. VESSELS APPROXIMATELY 60 SMALL CRAFT.	NORTH SIDE OF LA ISABELA.  5 MAJOR PIERS, 2 OF WHICH ARE COVERED.  NUMEROUS SMALL PIERS ON BOTH SIDES OF PENINSULA. 5 LARGE WAREHOUSES, RAIL AND ROAD SERVED. 4 STORAGE TANKS.  VESSELS — ONE CARGO SHIP 420 FT LONG	2256N Ø8ØØ1W	Ø586		99A
SW EDGE OF LA ISABELA. RAIL SERVED.  3 LARGE STORAGE TANKS. ONE SMALLER PROBABLE VERTICAL TANK, AND ONE POSSIBLE HORIZONTAL TANK.  PLAYA LA PANCHITA, PORT FACILITIES 4 NM NNW OF RANCHO VELOZ. APPROXIMATELY 25 PIERS FOR SMALL CRAFT. ROAD SERVED.  VESSELS APPROXIMATELY 6Ø SMALL CRAFT.	SOUTH EDGE OF PLAYA LA PANCHITA, ALONG ROUTE 4-57. ELEVEN OCCUPIED	2256N Ø8Ø25W	Ø586		233A
4 NM NNW OF RANCHO VELOZ. APPROXIMATELY 25 PIERS FOR SMALL CRAFT. ROAD SERVED. VESSELS APPROXIMATELY 6Ø SMALL CRAFT.	SW EDGE OF LA ISABELA. RAIL SERVED.  3 LARGE STORAGE TANKS. ONE SMALLER PROBABLE VERTICAL TANK. AND ONE POSSIBLE	2257N Ø8ØØ1W	Ø586		99
TOD SECRET CHESS	4 NM NNW OF RANCHO VELOZ. APPROXIMATELY 25 PIERS FOR SMALL CRAFT. ROAD SERVED.				

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City, Installation	Coordinates	WAC		n Numbers
MARTI AREA, GUIPUZCOA SUGAR MILL  1 NM W OF MARTI.  ONE LARGE MULTISECTIONAL PROCESSING BUILDING, SIX SMALLER ASSOCIATED BUILDINGS, FOUR STORAGE TANKS, COOLING POND. RAIL SERVED.	2257N Ø8Ø56W	Ø586	BE	221A
MARTI, CENTRAL GUIPUZCOA LANDING STRÎP  WEST OUTSKIRTS OF MARTI.  3,300 X 100 FT ENE/WSW SOD RUNWAY,  ABANDONED (PROBABLY SERVICEABLE FOR  EMERGENCY USE ONLY, OVERGROWN WITH  VEGETATION). 41 STORAGE BUILDINGS HAVE  BEEN CONSTRUCTION ALONG SOUTH EDGE OF  RUNWAY  AND 10 MORE  ARE UNDER CONSTRUCTION. LISTED IN ASSOTW,  VOL 6, JUL 59.  AIRCRAFT NONE.	2257N Ø8Ø56W	Ø586		221
PLAYA GIRON, AIRFIELD  IMMEDIATELY NW OF PLAYA GIRON. RUNWAY OF CRUSHED STONE MIXED WITH OIL, ORIENTED N/S. OVER-ALL DIMENSIONS 4,500 X 200 FT, USABLE DIMENSIONS 4,100 X 90 FT. PROBABLY SERVICEABLE. WRECKAGE OF PROBABLE B-26 LOCATED ON CENTER TAXIWAY WEST OF CONTROL BUILDING. 3 VEHICLES ON RUNWAY. CONTROL BUILDING LOCATED APPROXIMATELY 500 FT EAST OF MIDPOINT OF RUNWAY. AIRCRAFT NONE. VEHICLE ACTIVITY CONVOY OF 7 TANKS, 36 TRUCKS, AND 4 OTHER VEHICLES ON HIGHWAY	2204N 08102W	Ø586	<b>ECRET</b>	282

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City, Installation	Coordinates	WAC		n Numbers
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WITHIN PLAYA GIRON. 15 TRUCKS AND 20 OTHER VEHICLES ARE PARKED IN PLAYA GIRON AREA. 3 LCVP.BEACHED JUST ESE OF PLAYA GIRON.			-	
BAHIA DE COCHINOS AREA, NEW HIGHWAY  NEW ALL-WEATHER HIGHWAY ON EAST SHORE OF BAHIA DE COCHINOS, EXTENDING FROM PUNTA  CEIBITA NEAR THE MOUTH OF THE BAY TO PLAYA LARGA NEAR THE HEAD OF THE BAY. ASPHALT  OR OILED SURFACE HAS BEEN ADDED TO HIGHWAY.  VEHICLES/EQUIPMENT 60 TRUCKS, 46 TOWING  ARTILLERY, AND 5 OTHER VEHICLES HEADING  NORTH. THREE TRUCKS AND 6 OTHER VEHICLES  HEADING SOUTH.	2205N 08108W	Ø586		16A
EL JIQUI AREA, AIRFIELD  .6 NM SW OF EL JIQUI.  E/W CLEARED STRIP 8,400 X 180 FT. 5,600 X  110 FT IS SURFACED WITH CRUSHED STONE,  UNSERVICEABLE. CONSTRUCTION OF AIRFIELD,  WHICH IS STILL IN EARLY STAGE, APPARENTLY  HAS BEEN HALTED. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2213N Ø81Ø7W	Ø586		280
PLAYA BUENAVENTURA AREA, ROAD CONSTRUCTION NEW ROAD UNDER CONSTRUCTION RUNNING NW FROM BAHIA COCHINOS. 25 FT WIDE, SURFACED CRUSHED STONE. A NEW BRANCH ROAD 25 FT WIDE SURFACED WITH CRUSHED STONE LEAVES ABOVE ROAD AT POINT .8 NM NW OF PLAYA BUENAVENTURA AND RUNS SW FOR A DISTANCE OF 2.5 NM.	2217N Ø8114W	Ø586		3Ø3

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Coordinates	WAC	₽Ē	NPIC
2218N Ø81Ø2W	Ø586		302
2222N Ø811ØW	Ø586	·	317
223ØN Ø81Ø8W	Ø586		90
2230N Ø8109W	Ø586		9ØB
	223ØN Ø81Ø8W	223ØN Ø81Ø8W Ø586	223ØN Ø81Ø8W Ø586

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City, Installation	Coordinates	WAC		n Numbers
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SAN IGNACIO, SUGAR MILL WEST EDGE OF SAN IGNACIO. ONE LARGE PROCESSING BUILDING, 6 SMALLER ASSOCIATED BUILDINGS, ONE MEDIUM STORAGE TANK, A SPRAY (COOLING) POND. RAIL SERVED.	2239N Ø81Ø8W	Ø586		169
SANTA RITA AIRFIELD  5 NM ESE OF AGRAMONTE, •8 NM  ESE OF SANTA RITA DE BARO• 2,000 X 150  FT E/W SOD RUNWAY, SERVICEABILITY  UNDETERMINED• LISTED IN ASSOTW, VOL 6,  JUL 59 (SITE LIST)•  AIRCRAFT NONE•	224ØN Ø81Ø1W	Ø586		185
SANTA RITA DE BARO, SUGAR MILL 5 NM ESE OF AGRAMONTE. ONE LARGE PROCESSING BUILDING, ONE LARGE WAREHOUSE, 5 SMALLER ASSOCIATED BUILDINGS, ONE STORAGE TANK, COOLING POND, WATER TOWER. RAIL SERVED.	224ØN Ø81Ø2W	Ø586		185A
PLAYA CAIMITO, PORT SOUTH SIDE OF PLAYA CAIMITO. ONE MOLE-TYPE PIER APPROXIMATELY 125 FT LONG, 7 SMALL PIERS. ROAD SERVED. VESSELS NONE.	2241N Ø8152W	Ø586		.225
PEDRO BETANCOURT AREA, CUBA SUGAR MILL  5 NM NW OF PEDRO BETANCOURT. IN OPERATION.  1 STORAGE BUILDING, 1 PROCESSING BUILDING,  3 ASSOCIATED BUILDINGS, RAIL SERVED.	2244N Ø8118W	Ø586	FCRET	139A

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FOUR STORAGE TANKS.  ALACRANES AREA, CONCHITA SUGAR MILL 2.3 NM SE OF ALACRANES. 1 MAIN PROCESSING BUILDING, 1 STORAGE TANK. 2Ø ASSOCIATED BUILDINGS, AND 5 STORAGE TANKS. RAIL SERVED.	2244N Ø8132W	Ø58 <b>6</b>		55
SAN NICOLAS DE BARI AREA, SUGAR MILL 2 NM SE OF SAN NICOLAS DE BARI. ONE LARGE PROCESSING BUILDING AND 5 ASSOCIATED BUILDINGS, RAIL SERVED. 2 STORAGE TANKS.	2245N Ø8153W	Ø586		,211
GOMEZ MENA LANDING STRIP  2 NM S OF SAN NICOLAS DE BARI. 2,600 X 100  FT NE/SW DIRT & SOD RUNWAY, SERVICEABLE, WITH 900 FT OVERRUN. LISTED IN ASSOTW, VOL 6, JULY 59. AIRCRAFT 2 LIAISON TYPE.	2245N Ø8155W	Ø586		8Ø
PERICO AREA, ESPANA SUGAR MILL 2 NM N OF PERICO. ONE LARGE PROCESSING BUILDING, 10 SMALLER ASSOCIATED BUILDINGS, ONE LARGE STORAGE TANK, 3 MEDIUM STORAGE TANKS, 6 SMALLER STORAGE TANKS, COOLING POND. RAIL SERVED.	2248N Ø81Ø1W	Ø586		141A
JOVELLANOS, RADIO STATION WEST EDGE OF JOVELLANOS AT 22-48-15N 81-12-16W. TALL LATTICE TOWER, ONE CONTROL BUILDING. AREA IS RECTANGULAR-SHAPED,	2248N Ø8112W	Ø586	FCRFT	191B

TOP SECRET CHESS

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City, Installation	Coordinates	WAC		n Numbers
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PEDRO BETANCOURT AREA, DOLORES SUGAR MILL 5 NM N OF PEDRO BETANCOURT. ONE LARGE PROCESSING BUILDING AND THREE ASSOCIATED BUILDINGS. RAIL SERVED.	2248N Ø8118W	Ø586		139
JOVELLANOS AREA, SOLEDAD SUGAR MILL 3 NM ENE OF JOVELLANOS. ONE LARGE PROCESSING BUILDING, 8 SMALLER ASSOCIATED BUILDINGS, 2 LARGE STORAGE TANKS, 5 SMALL STORAGE TANKS. SPRAY POND. RAIL SERVED.	2249N Ø81Ø8W	Ø586		191
PALOS AREA, JOSEFITA SUGAR MILL  1 NM NNE OF PALOS. ONE LARGE PROCESSING BUILDING AND 5 ASSOCIATED BUILDINGS, RAIL SERVED.	2249N Ø8144W	Ø586		97
UNION DE REYES AREA, SANTO DOMINGO SUGAR MILL 3.5 NM NE OF UNION DE REYES. ONE LARGE PROCESSING BUILDING, AND 4 ASSOCIATED BUILDINGS, RAIL SERVED. 4 STORAGE	2250N 08130W	Ø586 <sup>°</sup>		188
LIMONAR AREA, LIMONES SUGAR MILL 3.7 NM SOUTH OF LIMONAR. ONE LARGE PROCESSING BUILDING, 3 ASSOCIATED BUILDINGS. RAIL SERVED. STORAGE TANK.	2253N Ø8125W	Ø58 <b>6</b>		101
COLISEO AREA: CAROLINA SUGAR MILL 1.5 NM ENE OF COLISEO. ONE LARGE	2255N Ø8117W	Ø586		32

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Installation Numbers WAC City, Installation Coordinates PROCESSING BUILDING, 2 ASSOCIATED BUILDINGS, 3 VERTICAL STORAGE TANKS. RAIL SERVED. COLISEO AREA, SANTA AMALIA SUGAR MILL 2255N Ø8118W Ø586 176 1 NM NE OF COLISEO. ONE LARGE PROCESSING BUILDING, 2 ASSOCIATED BUILDINGS, THREE STORAGE TANKS. RAIL SERVED. Ø586 COLISEO, MICROWAVE TOWER 2255N Ø8119W 223 ON HILL JUST NW OF COLISEO. SELF-SUPPORTING LATTICE TOWER, ONE SMALL ASSOCIATED BUILDING. MADRUGA AREA, MICROWAVE RELAY STATION 2255N Ø8151W Ø586 109B 1 NM NE OF MADRUGA AT 22-55-24N 81-50-48We STATION HAS TOWER AND TWO BUILDINGS. MADRUGA AREA, SAN ANTONIO SUGAR MILL 2255N Ø8152W Ø586 109 1 NM W OF MADRUGA. ONE PROCESSING BUILDING AND ASSOCIATED BUILDING, 6 STORAGE TANKS. RAIL SERVED. LIMONAR AREA, MILITARY DEFENSES 2257N Ø8127W Ø586 101A 2.6 NM WEST OF LIMONAR. NUMEROUS UNOCCUPIED TRENCHES AND AUTOMATIC WEAPONS POSITIONS PROBABLY IN DEFENSE OF A LARGE WAREHOUSE AREA. LAGUNILLAS AREA, SUGAR MILL 2258N Ø811ØW Ø586 148 2.8 NM NE OF LAGUNILLAS. TOP SECRET CHESS

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City, Installation	Coordinates	WAC		n Numbers
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ONE LARGE PROCESSING BUILDING, 5 SMALLER BUILDINGS, ONE LARGE STORAGE TANK, 2 SMALLER STORAGE TANKS, RAIL SERVED.				
LAGUNILLAS AREA, ORE-PROCESSING INDUSTRY 2.9 NM NE OF LAGUNILLAS. ONE LARGE MULTISECTIONAL PROCESSING BUILDING, FIVE SMALLER BUILDINGS, CONVEYOR SYSTEM TO LARGE PILES OF U/I MATERIAL. ONE POSSIBLE COOLING TOWER. RAIL SERVED.	2259N Ø811ØW	Ø586	·	148A
LIMONAR AREA, TRIUNFO SUGAR MILL  3 NM NE OF LIMONAR. ONE LARGE PROCESSING BUILDING AND 3 ASSOCIATED BUILDINGS. THREE STORAGE TANKS. RAIL SERVED.	2259N Ø8122W	Ø586 ·		197
MATANZAS AREA, HIGHWAY BYPASS U/C HIGHWAY BYPASS UNDER CONSTRUCTION FROM GUANABANA (22-59N 81-31W) TO A POINT 1 NM SW OF MATANZAS AT 23-Ø1N 81-35W& BYPASS WILL CONNECT WITH TWO PRINCIPAL HIGHWAYS LEADING SOUTHWEST OUT OF MATANZAS.	2259N Ø8131W	Ø586		12ØM
AGUACATE, ROSARIO SUGAR MILL WEST EDGE OF AGUACATE. THREE LARGE PROCESSING BUILDINGS, FIVE STORAGE TANKS. RAIL SERVED.	2259N Ø815ØW	Ø586.		3
SURGIDERO DE BATABANO, PORT FACILITIES SOUTH EDGE OF SURGIDERO DE BATABANO, 2.2 NM SOUTH OF BATABANO. ONE LARGE PIER, ONE	2241N Ø8218W	Ø586	FCRFT	21

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City, Installation Coordinates	Coordinates WAC		Installation Numbers	
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RAIL-SERVED PIER, ONE BREAKWATER/PIER, SEVERAL WAREHOUSES. VESSELS ONE COASTAL FREIGHTER AT RAIL PIER, ONE PROBABLE PASSENGER VESSEL AT LARGE PIER.				
PLAYA DEL CAJIO, PORT FACILITIES SOUTH SIDE OF PLAYA DEL CAJIO. 4 PIERS, ROAD SERVED. VESSELS SEVERAL SMALL CRAFT IN AREA.	2241N Ø8228W	Ø586		227
GUANIMAR, PORT FACILITIES SOUTH EDGE OF GUANIMAR, ON GOLFO DE BATABANO. 4 SMALL PIERS AND MOORING ALONG AN INLET. ROAD SERVED. VESSELS AT LEAST 7 SMALL CRAFT.	2241N Ø8239W	Ø586		3Ø6
PLAYA DE ROSARIO AREA, LANDING STRIP  1 NM N OF PLAYA DE ROSARIO, 8 NM S OF GUINES. 2,000 X 60 FT N/S PROBABLE CRUSHED STONE RUNWAY UNDER CONSTRUCTION. UNSERVICEABLE, 3 POSSIBLE BARRIERS ACROSS RUNWAY. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2242N Ø82Ø2W	Ø586		283
GUINES AREA, PROVIDENCIA SUGAR MILL 3.5 NM S OF GUINES. ONE LARGE PROCESSING BUILDING. 8 STORAGE TANKS. RAIL SERVED.	2247N Ø82Ø2W	Ø586		149
QUIVICAN AREA, OCCIDENTE SUGAR MILL 3 NM SW OF QUIVICAN. ONE LARGE PROCESSING BUILDING, ONE	2247N Ø8223W	Ø586		243

TOP SECRET CHESS

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STORAGE TANK. RAIL SERVED.				
EL GABRIEL AREA, ELECTRIC POWER PLANT 1.6 NM SE OF EL GABRIEL. ONE LARGE BUILDING WITH ATTACHED TRANSFORMER HOUSE. FOUR SMALLER BUILDINGS, GATEHOUSE, SUBSTATION/ SWITCHING YARD, THREE CONICAL ROOFED STORAGE TANKS. LINE OF U/I ITEMS IN OPEN STORAGE. AREA IS FENCED.	2248N Ø8227W	Ø586		66A
CANAS AREA, SANTA THERESA LIME PLANT 1.5 NM ESE OF CANAS.  ONE LARGE PROCESSING BUILDING SERVED BY INCLINED CONVEYOR. NUMEROUS SMALLER BUILDINGS, 3 STORAGE SILOS, AND 3 VERTICAL STORAGE TANKS. RAIL SERVED. TWO OPEN-PIT QUARRIES ARE LOCATED EAST OF PLANT.	2248N Ø8241W	Ø586		13D
ARTEMISA AREA, ANDORRA SUGAR MILL 2 NM WSW OF ARTEMISA. ONE LARGE PROCESSING BUILDING, ONE LARGE WAREHOUSE-TYPE BUILDING CONNECTED BY CONVEYOR TO PROCESSING BUILDING, APPROXIMATELY TEN SMALLER ASSOCIATED BUILDINGS, ONE LARGE STORAGE TANK, 14 SMALLER STORAGE TANKS. RAIL SERVED.	2248N Ø8248W	Ø586		13A
MELENA DEL SUR AREA, MERCEDITA SUGAR MILL 1.4 NM NORTH OF MELENA DEL SUR. ONE PROCESSING BUILDING, AND ASSOCIATED BUILDINGS, RAIL SERVED. SEVEN STORAGE	2249N Ø82Ø9W	Ø586	ECDET	123

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City, Installation	Coordinates	WAC		n Numbers
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TANKS				
ARTEMISA COMPLEX RESIDENTIAL AND TRADING CENTER IN AN AGRICULTURAL AREA RAIL AND ROAD SERVED.	2249N Ø8246W	Ø586		13B
GUINES AREA, SUGAR MILL  2 NM ESE OF GUINES. ONE LARGE PROCESSING BUILDING AND 3 ASSOCIATED BUILDINGS, RAIL SERVED. FIVE STORAGE TANKS.	2250N Ø8200W	Ø586		8
GUINES COMPLEX COMMERCIAL AND AGRICULTURAL CENTER, RAIL SERVED.	225ØN Ø82Ø2W	Ø586		219
ARTEMISA AREA, PILAR SUGAR MILL 2 NM N OF ARTEMISA. ONE LARGE PROCESSING BUILDING AND FIVE SMALLER ASSOCIATED BUILDINGS. RAIL SERVED.	225ØN Ø8245W	Ø586		130
GUANAJAY AREA, PROBABLE MILITARY SCHOOL 5 NM SE OF GUANAJAY. ROUGHLY RECTANGULAR-SHAPED, FENCED AREA CONTAINING ONE MULTISTORY, E-SHAPED ADMINISTRATION BUILDING, SIX U-SHAPED PROBABLE BARRACKS, SEVEN SMALLER, ONE- STORY BARRACKS, EIGHT SMALL SUPPORT-TYPE BUILDINGS, WATER TOWER, FOUR BASEBALL DIAMONDS, AND AN ATHLETIC OVAL.	2251N Ø8238W	Ø586		215
SAN ANTONIO DE LOS BANOS AIRFIELD 1 NM SW OF SAN ANTONIO DE LOS BANOS.	2252N Ø8231W	Ø586	и	164

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7,270 X 150 FT NE/SW CONCRETE RUNWAY, 6,950 X 150 FT N/S CONCRETE RUNWAY, 6,950 X 150 FT NW/SE CONCRETE RUNWAY. LISTED IN ASSOTW, VOL 6, OCT 60. AIRCRAFT TOTAL OF 40, INCLUDING 3 T-33, 13 B-26, ONE C-45, ONE CESSNA 310, 2 TBM, 17 UNIDENTIFIED SINGLE-ENGINE, ONE C-47 (DAMAGED), ONE VISCOUNT, AND ONE LIAISON. DEFENSES ONE PROBABLY UNOCCUPIED 6-GUN AA POSITION AT SW END OF NE/SW RUNWAY. ONE UNOCCUPIED 3-GUN POSITION SW OF 6-GUN POSITION. ONE 3-GUN OCCUPIED POSITION AT NORTH END OF N/S RUNWAY. ONE 4-GUN POSITION NW OF INTERSECTION OF RUNWAYS (2 OCCUPIED), 2 ADDITIONAL POSSIBLE EMPLACEMENTS UNDER CONSTRUCTION. ONE UNOCCUPIED 3-GUN POSITION ON WEST SIDE OF N/S RUNWAY, JUST SOUTH OF RUNWAY INTERSECTION. ONE PROBABLY OCCUPIED 3-GUN POSITION ON EAST SIDE OF N/S TAXIWAY ON WEST SIDE OF FIELD. ONE OCCUPIED 3-GUN POSITION AT SOUTH END OF N/S RUNWAY.					
SAN ANTONIO DE LOS BANOS COMPLEX MUNICIPAL CENTER IN AGRICULTURAL AREA. NO HEAVY INDUSTRY. RAIL SERVED. POSSIBLE POWER PLANT.	2253N Ø823ØW	Ø586		164B	
SAN ANTONIO DE LOS BANOS, MILITARY DEFENSES IMMEDIATELY N AND NW OF TOWN EXTENDING FOR APPROXIMATELY 1.5 NM, ONE PROBABLE 5-GUN AA POSITION U/C, ONE PROBABLE 3-GUN POSITION U/C, 5 UNOCCUPIED SINGLE AA POSITIONS, AND APPROXIMATELY 50 PERSONNEL/ AUTOMATIC WEAPONS POSITIONS SCATTERED THROUGHOUT AREA. SW OF TOWN AND JUST N OF	2253N Ø823ØW	Ø586		164C	

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Installation Numbers City, Installation Coordinates WAC ВE NPIC RAILROAD, ONE UNOCCUPIED 3-GUN AA POSITION, ONE UNOCCUPIED 5-GUN AA POSITION, ONE POSSIBLE 6-GUN POSÍTION U/C, AND ABOUT 25 ADDITIONAL PERSONNEL/AUTOMATIC WEAPONS POSITIONS IN THE AREA. BEJUCAL AREA, MILITARY DEFENSES 2255N Ø8223W Ø586 32Ø MEDIUM UNOCCUPIED 6-GUN POSITION AND NUMEROUS SMALL TRENCHES 1.8 NM N OF BEJUCAL. SCATTERED UNOCCUPIED AUTOMATIC WEAPONS POSITIONS AND 7 UNOCCUPIED TRIANGULAR-SHAPED FIRING TRENCHES ARRANGED IN SEMICIRCULAR PATTERN ONE NM WNW OF BEJUCAL. AT LEAST 20 UNOCCUPIED AUTOMATIC WEAPONS/PERSONNEL POSITIONS ONE NM E OF BEJUCAL. GUANAJAY, MICROWAVE SITE SW SIDE OF GUANAJAY, TOWER AND ASSOCIATED 2255N Ø8241W Ø586 215B BUILDING. 2256N Ø8211W Ø586 SAN JOSE DE LAS LAJAS, POSS MILITARY SITE 172D 2.6 NM SW OF SAN JOSE DE LAS LAJAS. TWO PARALLEL U-SHAPED, GABLE-ROOFED, SINGLE-STORY BUILDINGS FLANKING ONE SINGLE-STORY GABLE-ROOFED BUILDING. FIVE SMALLER ASSOCIATED BUILDINGS. DEFENSES -- ONE-GUN OCCUPIED AA POSITION ON HILL 2,400 FT SOUTH OF ROUTE 2-34 3.3 NM SSW OF SAN JOSE DE LAS LAJAS. ONE 3-GUN OCCUPIED AA POSITION ON HILL 1,800 FT NORTH OF ROUTE 2-34 2.7 NM SW OF SAN JOSE DE LAS LAJAS. ONE-GUN OCCUPIED AA POSITION ON HILL .5 NM EAST OF 3-GUN POSITION. TWO ONE-GUN (ONE OCCUPIED) POSITIONS ON

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HILL .6 NM ESE OF 3-GUN POSITION.  MANAGUA AREA, EXPLOSIVES STORAGE  3 NM SW OF MANAGUA. FENCED AREA CONTAINING 9 REVETTED STRUCTURES AND 10 SUPPORT BUILDINGS. ROAD SERVED.	2256N Ø822ØW	Ø586		111C
BAUTA AREA, ARIGUANABO TEXTILE PLANT  3 NM S OF BAUTA.  ONE LARGE PROCESSING BUILDING, 4  SMALLER PROCESSING BUILDINGS. POWER PLANT WITH 3 ADJOINING STORAGE BUILDINGS.  THREE VERTICAL AND 2 HORIZONTAL  STORAGE TANKS. PLANT IS WALLED  AND ROAD SERVED.	2256N Ø8233W	Ø586		22A
SAN ANTONIO DE LOS BANOS AREA, LANDING STRIP 3.5 NM NW OF SAN ANTONIO DE LOS BANOS. 3,900 X 100 FT NE/SW SOD RUNWAY, SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	2256N Ø8233W	Ø586		164A
GUANAJAY COMPLEX  RESIDENTIAL AND TRADE CENTER, RAIL  SERVED. SCATTERED LIGHT INDUSTRIES,  SMALL RAIL STORAGE YARD.	2256N Ø8241W	Ø586		215A
SAN JOSE DE LAS LAJAS, COPPER FABRICATION PLT 2 NM SE OF SAN JOSE DE LAS LAJAS. ONE MAIN BUILDING, 2 HORIZONTAL STORAGE TANKS, 2 SEMIBURIED VERTICAL PROBABLE POL STORAGE TANKS. RAIL SERVED.	2257N Ø82Ø9W	Ø586	FCRFT	172

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Installation Numbers

City, Installation Coordinates WAC BE NPIC SAN JOSE DE LAS LAJAS AREA, MILITARY DEFENSES 2257N Ø8211W 0586 147A 1.5 NM WSW OF SAN JOSE DE LAS LAJAS. AT LEAST 20 SMALL UNOCCUPIED AUTOMATIC WEAPONS/PERSONNEL POSITIONS. BAUTA AREA, COMMUNICATION STATION U/C 2 NM S OF BAUTA, STATION IS FENCED, 2257N Ø8232W Ø586 22B ROAD SERVED, AND CONSISTS OF A CONTROL BUILDING AND 3 ASSOCIATED BUILDINGS. ONE RHOMBIC ANTENNA AND ONE POSSIBLE RHOMBIC ANTENNA ARE LOCATED NW OF THE CONTROL BUILDING. NO DISSIPATION LINES IN ASSOCIATION WITH THE ANTENNAS WERE EVIDENT. TWO RHOMBIC ANTENNAS ARE UNDER CONSTRUCTION NORTH OF THE CONTROL BUILDING. TWO PROBABLE RHOMBICS ARE UNDER CONSTRUCTION SOUTH OF THE CONTROL BUILDING. SIX STICK ANTENNAS ARE LOCATED NEAR THE CONTROL BUILDING AND 7 ARE LOCATED ALONG THE WESTERN EDGE OF THE STATION. FIVE GUARD TOWERS ARE LOCATED AROUND THE PERIMETER OF THE STATION. GUANAJAY AREA, MILITARY DEFENSES U/C 2257N Ø824ØW Ø586 215C 2 NM NE OF GUANAJAY. DEFENSE AREA. 4 NM IN LENGTH, RUNNING E/W ALONG THE SOUTH AND NORTH FACES OF THE SIERRA DE ANAFE. AREA INCLUDES ONE UNOCCUPIED 4-GUN POSITION, ONE POSSIBLE 6-GUN POSITION (OCCUPANCY UNDETERMINED), 12 UNOCCUPIED POSSIBLE LIGHT ARTILLERY POSITIONS, AND NUMEROUS AUTOMATIC WEAPONS POSITIONS AND TRENCHES UNDER CONSTRUCTION. A NEW ROAD UNDER CONSTRUCTION PARALLELS NORTH FACE AND RUNS ENTIRE LENGTH OF RIDGE. A CAMP IS LOCATED IN A CLEARING ON A RIDGE 2 NM

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City, Installation	Coordinates	WAC	Installatio	
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EAST OF THE AUTOMATIC WEAPONS POSITIONS.  CAMP CONSISTS OF 5 STORAGE/BARRACKS BUILDINGS, 5 VEHICLE REVETMENTS,  FOOTINGS FOR ONE BUILDING.				
GUANAJAY AREA, MILITARY DEFENSES  2.6 NM NW OF GUANAJAY, ON ROUTE 1-43.  28 UNOCCUPIED FOXHOLES/AUTOMATIC WEAPONS POSITIONS AND ONE SHORT TRENCH ON HIGH GROUND OVERLOOKING ROUTE 1-43.	2257N Ø8244W	Ø586		215D
MARIEL AREA, SAN RAMON SUGAR MILL 2 NM SSW OF MARIEL. ONE LARGE PROCESSING BUILDING, 6 SMALLER ASSOCIATED BUILDINGS, ONE LARGE STORAGE TANK. RAIL SERVED.	2257N Ø8246W	Ø586		117H
SAN JOSE DE LAS LAJAS, IRON & STEEL PLANT  1 NM NW OF SAN JOSE DE LAS LAJAS.  ONE LARGE PROCESSING BUILDING AND  12 ASSOCIATED BUILDINGS, RAIL SERVED.	2258N Ø821ØW	Ø586		172A
MANAGUA, AIRFIELD  NE EDGE OF MANAGUA.  4,800 X 150 FT E/W RUNWAY UNDER  CONSTRUCTION. VERY LITTLE PROGRESS  APPARENT SINCE NOT LISTED IN  ASSOTW.  AIRCRAFT NONE.	2258N Ø8217W	Ø586		1118
MANAGUA, MILITARY CAMP SOUTHEAST EDGE OF MANAGUA, CAMP CONTAINS 15 ADMINISTRATION BUILDINGS, 10 BARRACKS,	2258N Ø8218W	Ø586	FCDET	111

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City, Installation	Coordinates	WAC		on Numbers
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6 VEHICLE SHEDS, 9 STORAGE BUILDINGS, ONE PROBABLE AMMUNITION BUNKER, ONE PROBABLE AMMUNITION BUNKER UNDER CONSTRUCTION, 16 SUPPORT BUILDINGS, AND AN AIRFIELD UNDER CONSTRUCTION (PIC TARGET Ø586—111B).  DEFENSES — ONE 6—GUN DP POSITION ON HILL JUST NW OF BARRACKS, 6 GUNS EMPLACED. ONE 6—GUN AA POSITION U/C ON HILL .7 NM SE OF BARRACKS, 6 GUNS EMPLACED. ONE 4—GUN AA POSITION U/C 1.7 NM SSE OF BARRACKS, 4 GUNS EMPLACED. ONE 3—GUN AA POSITION U/C 1.8 NM S OF BARRACKS, 3 GUNS EMPLACED.  5 POSSIBLE LIGHT AA POSITIONS (PROBABLY UNOCCUPIED) .8 NM SSE OF BARRACKS. 6 AA POSITIONS U/C .7 NM SSW OF BARRACKS. 6 GUNS EMPLACED. ONE 4—GUN DP POSITION (UNOCCUPIED) 1.0 NM WSW OF BARRACKS. ONE 6—GUN AA POSITION, 1.6 NM W OF BARRACKS, 6 GUNS EMPLACED. ZIG—ZAG TRENCH WITH FIRING BAYS .5 NM EAST OF BARRACKS AREA. VEHICLES/EQUIPMENT — 20 TANKS LINED UP IN WOODS NORTH OF DRIVER—TRAINING AREA. 4 TANKS AND 3 TANKS/SELF—PROPELLED GUNS NORTH OF RUNWAY. 4 PROBABLE TANKS NORTH OF FIRING RANGE. ONE TANK IN DRIVER—TRAINING AREA. APPROXIMATELY 130 VEHICLES SCATTERED THROUGHOUT CAMP. CONVOY OF 11 TRUCKS HEADING WEST FROM BARRACKS AREA.  SAN JOSE DE LAS LAJAS AREA, SUGAR MILL 3.2 NM WNW OF SAN JOSE DE LAS LAJAS. THREE LARGE PROCESSING BUILDINGS. 3 STORAGE	2259N Ø8212W	Ø586		147
TANKS. RAIL SERVED.				
MARIEL NAVAL ACADEMY	22501 202444	9504		
JUST EAST OF MARIEL.	2259N Ø8244W	Ø586		117G

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9 BUILDINGS.  DEFENSES 10 SMALL REVETMENTS APPROXIMATELY 700 FT EAST OF ACADEMY BUILDINGS AND 2 AA POSITIONS JUST NORTH OF BUILDINGS, ONE POSSIBLY OCCUPIED. VEHICLES/EQUIPMENT 12 SMALL VEHICLES AND 4 POSSIBLE TRUCKS OR BUSES.				
CABANAS AREA, MERCEDITAS SUGAR MILL  1 NM NE OF CABANAS.  ONE LARGE PROCESSING BUILDING, 5 ASSOCIATED BUILDINGS, RAIL SERVED. ONE LARGE STORAGE TANK IS LOCATED .8 NM NW OF MILL.	2259N Ø8254W	Ø586		126
CABANAS, PORT FACILITIES  NW EDGE OF CABANAS.  SHORT PIER AND A QUAY USED BY SMALL  CRAFT. ROAD SERVED.  VESSELS TWO BARGES AND APPROXIMATELY  30 SMALL PLEASURE CRAFT.	2259N Ø8256W	Ø586		25
VARADERO AREA, MINING  8 NM SSW OF VARADERO, OPEN-PIT MINING IN A MOUNTAINOUS AREA, STRIPPING IN 2 SMALL AREAS AND 1 LARGE AREA ON HILLTOP.	23Ø1N Ø8119W	Ø586		201A
MATANZAS AREA, MILITARY INSTALLATION  3.8 NM ESE OF CENTER OF MATANZAS.  MILITARY CAMP (INSTITUTO CIVICO MILITAR)  IS ROAD SERVED, FENCED, AND CONTAINS 37  BUILDINGS, 2 ATHLETIC OVALS, ONE BASEBALL  DIAMOND, AND ONE WATER TOWER. BUILDINGS  INCLUDE 2 PROBABLE ADMINISTRATION, 5  PROBABLE BARRACKS/SCHOOL BUILDINGS, AND	23Ø1N Ø8131W	Ø586	SECRET	120Q

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City, Installation	Coordinates	WAC		on Numbers
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30 MISCELLANEOUS SUPPORT BUILDINGS. DEFENSES A FEW UNOCCUPIED TRENCHES AND WEAPONS POSITIONS.				
CARDENAS, PORT FACILITIES  SEVEN PIERS OF VARIOUS SIZES THE LARGEST BEING APPROX 2,300 X 275 FT. AT LEAST 2  MARINE RR, 8 MOLASSES STORAGE TANKS,  COVERED STORAGE, AND HANDLING FACILITIES.  PORT HAS LARGE RR YARD.	2302N 08112W	Ø586 ·		310
CARDENAS, ELECTRIC POWER PLANT WEST-CENTRAL CARDENAS. ONE LARGE BUILDING WITH TALL STACK, ONE SMALL BUILDING, 2 SEMIBURIED STORAGE TANKS. ROAD SERVED.	2302N 08113W	Ø586		31F
CARDENAS COMPLEX PORT CITY, 2 SQUARE MILES IN AREA, CONTAINING PORT FACILITIES, RAIL YARD, RAIL CAR MAINTENANCE FACILITIES, ELECTRIC POWER PLANT, DISTILLERY PLANT, MOLASSES STORAGE TANKS, ORE-PROCESSING PLANT AND SUGAR MILL LOCATED SOUTHEAST OF CÎTY.	23Ø2N Ø8113W	Ø586		31E
MATANZAS AREA, MILITARY INSTALLATION 3.1 NM ESE OF MATANZAS, JUST SOUTH OF MATANZAS BAY. MILITARY INSTALLATION (CIUDAD MILITAR) IS ROAD SERVED, FENCED, AND CONTAINS 36 BUILDINGS AND 13 PROBABLE GUARD TOWERS. BUILDINGS INCLUDE 4 PROBABLE ADMINISTRATION, 21 HOUSING, ONE LONG MULTISTORY BUILDING WITH 5 WINGS (PROBABLE BARRACKS), 3 STORAGE, ONE RADIO	23Ø2N Ø8131W	Ø586		12ØP

TOP SECRET CHESS Approved For Release 2001/11/19<sup>1,07</sup> CIA-RDP78T04751A000200010001-2 NOFORN

### TOP SECRET CHARGEoved For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2 NPIC/MCI-1/61 NOFORN

SHACK WITH TALL GUYED TOWER, AND 6 MISCELLANEOUS BUILDINGS. DEFENSES AREA CONTAINS NUMEROUS UNOCCUPIED TRENCHES AND PERSONNEL/ AUTOMATIC WEAPONS POSITIONS.  PEPE BARRIENTOS LANDING STRIP 2.4 NM SOUTHEAST OF MATANZAS. 3,000 X 120 FT NE/SW RUNWAY, ROLLED EARTH SURFACE, DETERIORATING, UNSERVICEABLE. LISTED IN ASSOTW, VOL 6, JUL 59. AIRCRAFT NONE. DEFENSES 3 UNOCCUPIED GUN POSITIONS ALONG NORTHWEST EDGE OF RUNWAY, 6 UNOCCUPIED GUN POSITIONS .8 NM NORTHWEST OF RUNWAY.  CORRAL NUEVO AREA, ELENA SUGAR MILL 3 NM SW OF CORRAL NUEVO. 1 MAIN PROCESSING BUILDING, 1 ASSOCIATED BUILDING, 1 STORAGE TANK. ROAD SERVED.  MATANZAS, PORT FACILITIES NW EDGE OF MATANZAS, ON THE NORTH SIDE OF MATANZAS BAY, 4 PIERS (ONE OF WHICH IS RAIL SERVED) AND 2 RAIL-SERVED WHARVES. VESSELS ONE 475-FT TANKER, ONE 430-FT FREIGHTER.  MATANZAS COMPLEX COMMERCIAL AND INDUSTRIAL CENTER WITH PORT FACILITIES. COVERS APPROX 1.5 SQUARE MILES. RAIL SERVED.  TOP SECRET CHESS	City Installation	Coordinates	WAC	Installatio	n Numbers
MISCELLANEOUS BUILDINGS.  DEFENSES AREA CONTAINS NUMEROUS UNOCCUPIED TRENCHES AND PERSONNEL/ AUTOMATIC WEAPONS POSITIONS.  PEPE BARRIENTOS LANDING STRIP 2.4 NM SOUTHEAST OF MATANZAS. 3,000 X 120 FT NE/SW RUNWAY, ROLLED EARTH SURFACE, DETERIORATING, UNSERVICEABLE. LISTED IN ASSOTW, VOL 6, JUL 59. AIRCRAFT NONE. DEFENSES 3 UNOCCUPIED GUN POSITIONS ALONG NORTHWEST EDGE OF RUNWAY, 6 UNOCCUPIED GUN POSITIONS .8 NM NORTHWEST OF RUNWAY.  CORRAL NUEVO AREA, ELENA SUGAR MILL 3 NM SW OF CORRAL NUEVO. 1 MAIN PROCESSING BUILDING, 1 ASSOCIATED BUILDING, 1 STORAGE TANK. ROAD SERVED.  MATANZAS, PORT FACILITIES NW EDGE OF MATANZAS, ON THE NORTH SIDE OF MATANZAS BAYA 4 PIERS (ONE OF WHICH IS RAIL SERVED) AND 2 RAIL-SERVED WHARVES. VESSELS ONE 475-FT TANKER, ONE 430-FT FREIGHTER.  MATANZAS COMPLEX COMMERCIAL AND INDUSTRIAL CENTER WITH PORT FACILITIES. COVERS APPROX 1.5 SQUARE MILES. RAIL SERVED.  TOP SECRET CHESS	City, Installation	Coordinates	",,,,,	BE	NPIC
2.4 NM SOUTHEAST OF MATANZAS. 3,000 X 120 FT NE/SW RUNWAY, ROLLED EARTH SURFACE, DETERIORATING, UNSERVICEABLE. LISTED IN ASSOTW, VOL 6, JUL 59. AIRCRAFT NONE. DEFENSES 3 UNOCCUPIED GUN POSITIONS ALONG NORTHWEST EDGE OF RUNWAY, 6 UNOCCUPIED GUN POSITIONS .8 NM NORTHWEST OF RUNWAY.  CORRAL NUEVO AREA, ELENA SUGAR MILL 3 NM SW OF CORRAL NUEVO. 1 MAIN PROCESSING BUILDING, 1 ASSOCIATED BUILDING, 1 STORAGE TANK. ROAD SERVED.  MATANZAS, PORT FACILITIES NW EDGE OF MATANZAS, ON THE NORTH SIDE OF MATANZAS BAY. 4 PIERS (ONE OF WHICH IS RAIL SERVED) AND 2 RAIL-SERVED WHARVES. VESSELS ONE 475-FT TANKER, ONE 430-FT FREIGHTER.  MATANZAS COMPLEX COMMERCIAL AND INDUSTRIAL CENTER WITH PORT FACILITIES. COVERS APPROX 1.5 SQUARE MILES. RAIL SERVED.  TOP SECRET CHESS	MISCELLANEOUS BUILDINGS.  DEFENSES AREA CONTAINS NUMEROUS UNOCCUPIED TRENCHES AND PERSONNEL/				
Approved For Release 2001/11/19 @RIA_RDP78T04751A000200010001-2	2.4 NM SOUTHEAST OF MATANZAS. 3,000 X 120 FT NE/SW RUNWAY, ROLLED EARTH SURFACE, DETERIORATING, UNSERVICEABLE. LISTED IN ASSOTW, VOL 6, JUL 59. AIRCRAFT NONE. DEFENSES 3 UNOCCUPIED GUN POSITIONS ALONG NORTHWEST EDGE OF RUNWAY, 6 UNOCCUPIED GUN POSITIONS .8 NM NORTHWEST		Ø586		12ØB
MATANZAS, PORT MACIETIES  NW EDGE OF MATANZAS; ON THE NORTH SIDE OF  MATANZAS BAY. 4 PIERS (ONE OF WHICH IS  RAIL SERVED) AND 2 RAIL-SERVED WHARVES.  VESSELS ONE 475-FT TANKER;  ONE 430-FT FREIGHTER.  MATANZAS COMPLEX  COMMERCIAL AND INDUSTRIAL CENTER  WITH PORT FACILITIES. COVERS APPROX 1.5  SQUARE MILES. RAIL SERVED.  TOP SECRET CHESS	3 NM SW OF CORRAL NUEVO. 1 MAIN PROCESSING BUILDING, 1 ASSOCIATED	2302N 08143W	Ø586		58A
COMMERCIAL AND INDUSTRIAL CENTER WITH PORT FACILITIES. COVERS APPROX 1.5 SQUARE MILES. RAIL SERVED.  TOP SECRET CHESS  Approved For Release 2001/11/19 @RIA-RDP78T04751A000200010001-2	NW EDGE OF MATANZAS, ON THE NORTH SIDE OF MATANZAS BAY. 4 PIERS (ONE OF WHICH IS RAIL SERVED) AND 2 RAIL—SERVED WHARVES. VESSELS — ONE 475—FT TANKER,	23Ø3N Ø8133W	0586		120F
Approved For Release 2001/11/19 @RIA-RDP78T04751A000200010001-2	COMMERCIAL AND INDUSTRIAL CENTER WITH PORT FACILITIES. COVERS APPROX 1.5	2303N 08135W	Ø586		120
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TOP SECRET CAMES Seed For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2

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City, Installation	Coordinates	WAC		n Numbers
			BE	NPIC
MATANZAS AREA; MILITARY DEFENSES 14 UNOCCUPIED GUN POSITIONS AROUND PROBABLE MICROWAVE TOWER ONE NM NORTH OF MATANZAS AND 6 OTHER GUN POSITIONS SCATTERED ALONG ROAD NE OF THIS POINT. ONE UNOCCUPIED PROBABLE 6-GUN POSITION 4 NM EAST OF MATANZAS NEAR FUERTE DE COSTA MORILLO; AND ONE UNOCCUPIED 6-GUN POSITION 1.5 NM ESE OF MATANZAS JUST EAST OF ROUTE 3-10.	2303N Ø8135W	Ø586		12ØR
MATANZAS, CHEMICAL PLANT  NE EDGE OF MATANZAS. PROBABLE  SUPERPHOSPHATE PLANT WITH 18 BUILDINGS,  TANKS, FRACTIONATING TOWERS, AND OTHER  CHEMICAL PROCESSING EQUIPMENT. TWO LARGE  QUONSET-TYPE WAREHOUSES LOCATED AT  WHARF, ROAD AND RAIL SERVED.	2304N 08132W	Ø586		120L
MATANZAS, POWER PLANT 1.4 NM NE OF CASTILLO DE SAN SEVERINO. ONE MAIN BUILDING, 5 ASSOCIATED BUILDINGS, 2 VERTICAL LIQUID STORAGE TANKS.	23Ø4N Ø8132W	Ø586		1201
MATANZAS, TEXTILE MILL  •5 NM NE OF MATANZAS.  ONE RECTANGULAR MAIN BUILDING AND  5 ASSOCIATED BUILDINGS. RAIL SERVED.	23Ø4N Ø8133W	Ø586		12ØH
MATANZAS, TANK STORAGE (RAYONERA CUBANA)  NW OF MATANZAS, ASSOCIATED WITH TEXTILE  MILL, 2 LARGE TANKS, ONE SMALL REVETTED	23Ø4N Ø8133W	0586 OP S	ECRET	120C

TOP SECRET CHARGOVER For Release 2001/11/19: CIA-RDP78T04751A000200010001-2 NPIC/MCI-1/61 NOFORN

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City, Installation	Coordinates	WAC		n Numbers
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VERTICAL STORAGE TANK.				
MATANZAS, POL STORAGE (SINCLAIR)  1.1 NM NE OF CASTILLO DE SAN SEVERINO.  3 LARGE AND 2 SMALL VERTICAL STORAGE  TANKS. ADJACENT TO RAIL LINE. ROAD SERVED.	23Ø4N Ø8133W	Ø586		12ØD
MATANZAS, POL STORAGE (TEXACO)  13 NM NE OF CASTILLO DE SAN SEVERINO.  3 LARGE VERTICAL TANKS. SERVED BY T-PIER, RAIL, AND ROAD.	2304N 08133W	Ø586		12ØE
MATANZAS, POL STORAGE (WEST INDIA)  .5 NM NE OF CASTILLO DE SAN SEVERINO.  TWO LARGE VERTICAL, REVETTED POL STORAGE  TANKS. RAIL SERVED. PIPELINE LEADS FROM  TANKS TO NEARBY PIER ON THE SOUTHWEST.	2304N 08133W	Ø586		120G
MATANZAS AREA, MICROWAVE SITE  1 NM N OF MATANZAS. SITE HAS 2 TOWERS AND 1 BUILDING. STANDARD BROADCASTING FACILITY.	23Ø4N Ø8134W	Ø586		12ØA
GUASIMAS AREA, DOS ROSAS SUGAR MILL  1 NM WEST OF GUASIMAS.  ONE PROCESSING BUILDING AND 4 ASSOCIATED  BUILDINGS, 2 VERTICAL STORAGE TANKS.  RAIL SERVED.	23Ø5N Ø8118W	Ø586		63
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TOP SECRET CHESS Approved For Release 2001/11/19 16 IA-RDP78T04751A000200010001-2 NOFORN

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City, Installation	Coordinates	WAC		n Numbers
HERSHEY CENTRAL AREA; COMMUNICATIONS SITE 1.5 NM S OF HERSHEY SUGAR MILL. HAS TWO TOWERS. ONE TOWER IS PROBABLY A MICROWAVE STATION.	23Ø6N Ø8157W		ВE	87B
CORONEL PASCUAL AIRFIELD  1.7 NM SW OF VARADERO.  7.000 X 150 FT NE/SW BLACKTOP RUNWAY, SERVICEABLE. VEGETATION ON PARKING APRON. ONE PROBABLE HANGAR, 2 SMALLER BUILDINGS, AND ONE ADMINISTRATION BUILDING JUST SOUTH OF NORTHEAST END OF RUNWAY. LISTED IN ASSOTW, VOL 6, JUN 57. AIRCRAFT NONE. VEHICLES/EQUIPMENT APPROXIMATELY 29 PARKED ON APRON AND IN VICINITY OF BUILDINGS AT NORTHEAST END OF FIELD.	23Ø7N Ø8117W	Ø586		201
KAWAMA, MARINA FOR SMALL CRAFT 3 PIERS. NUMEROUS SMALL CRAFT.	2307N Ø8118W	Ø586	د	217
CANASI, MICROWAVE STATION  NW EDGE OF CANASI.  ONE TOWER AND ONE ASSOCIATED BUILDING.	23Ø7N Ø8147W	Ø586		224A
CANASI AREA, SUGAR MILL  •8 NM N OF CANASI. ONE LARGE  PROCESSING BUILDING AND 4 ASSOCIATED  BUILDINGS. RAIL SERVED.	23Ø8N Ø8147W	Ø586		224
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## TOP SECRET CHARGOVE For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2 NPIC/MCI-1/61

SANTA CRUZ DEL NORTE AREA, MIL DEFENSES  1.5 NM SSW OF SANTA CRUZ DEL NORTE, NORTH AND EAST OF HERSHEY SUGAR MILL. CIRCULAR TRENCH WITH 4 POSSIBLE FIRING BAYS U/C NORTH OF SUGAR MILL. SIX UNOCCUPIED AUTOMATIC WEAPON POSITIONS NORTH OF MILL. TWO 3-GUN, ONE 7-GUN, ONE POSSIBLE 3-GUN AA POSITION, 7 AUTOMATIC WEAPON POSITIONS (ALL UNOCCUPIED) EAST OF THE MILL.  SANTA CRUZ DEL NORTE AREA, HERSHEY SUGAR MILL 2 NM SOUTH OF SANTA CRUZ DEL NORTE. ROOF OF ONE STORAGE BUILDING PARTIALLY BURNED THROUGH. ONE LARGE PROCESSING BUILDING AND SEVERAL ASSOCIATED BUILDINGS, AT LEAST 6 STORAGE TANKS. RAIL SERVED.  SANTA CRUZ DEL NORTE, PORT FACILITIES EAST SIDE OF SANTA CRUZ DEL NORTE. 2 SMALL PIERS AND 3 WHARF AREAS, ROAD SERVED.	City, Installation	Coordinates	WAC	Installatio	
1.5 NM SSW OF SANTA CRUZ DEL NORTE; NORTH AND EAST OF HERSHEY SUGAR MILL. CIRCULAR TRENCH WITH 4 POSSIBLE FIRING BAYS U/C NORTH OF SUGAR MILL. SIX UNOCCUPIED AUTOMATIC WEAPON POSITIONS NORTH OF MILL. TWO 3-GUN; ONE 7-GUN; ONE POSSIBLE 3-GUN AA POSITION; 7 AUTOMATIC WEAPON POSITIONS (ALL UNOCCUPIED) EAST OF THE MILL.  SANTA CRUZ DEL NORTE AREA; HERSHEY SUGAR MILL 2 NM SOUTH OF SANTA CRUZ DEL NORTE. ROOF OF ONE STORAGE BUILDING PARTIALLY BURNED THROUGH. ONE LARGE PROCESSING BUILDING AND SEVERAL ASSOCIATED BUILDINGS; AT LEAST 6 STORAGE TANKS. RAIL SERVED.	City, institution			BE	NPIC
CIRCULAR TRENCH WITH 4 POSSIBLE FIRING BAYS U/C NORTH OF SUGAR MILL. SIX UNOCCUPIED AUTOMATIC WEAPON POSITIONS NORTH OF MILL. TWO 3-GUN, ONE 7-GUN, ONE POSSIBLE 3-GUN AA POSITION, 7 AUTOMATIC WEAPON POSITIONS (ALL UNOCCUPIED) EAST OF THE MILL.  SANTA CRUZ DEL NORTE AREA, HERSHEY SUGAR MILL 2 NM SOUTH OF SANTA CRUZ DEL NORTE. ROOF OF ONE STORAGE BUILDING PARTIALLY BURNED THROUGH. ONE LARGE PROCESSING BUILDING AND SEVERAL ASSOCIATED BUILDINGS, AT LEAST 6 STORAGE TANKS. RAIL SERVED.  SANTA CRUZ DEL NORTE, PORT FACILITIES EAST SIDE OF SANTA CRUZ DEL NORTE. 2 SMALL PIERS AND 3 WHARF AREAS, ROAD SERVED.	1.5 NM SSW OF SANTA CRUZ DEL NORTE,	23Ø8N Ø8156W	Ø586		2148
2 NM SOUTH OF SANTA CRUZ DEL NORTE.  ROOF OF ONE STORAGE BUILDING PARTIALLY BURNED THROUGH. ONE LARGE PROCESSING BUILDING AND SEVERAL ASSOCIATED BUILDINGS, AT LEAST 6 STORAGE TANKS. RAIL SERVED.  SANTA CRUZ DEL NORTE, PORT FACILITIES EAST SIDE OF SANTA CRUZ DEL NORTE. 2 SMALL PIERS AND 3 WHARF AREAS, ROAD SERVED.	CIRCULAR TRENCH WITH 4 POSSIBLE FIRING BAYS U/C NORTH OF SUGAR MILL. SIX UNOCCUPIED AUTOMATIC WEAPON POSITIONS NORTH OF MILL. TWO 3-GUN, ONE 7-GUN, ONE POSSIBLE 3-GUN AA POSITION, 7 AUTOMATIC WEAPON POSITIONS (ALL UNOCCUPIED)				
EAST SIDE OF SANTA CRUZ DEL NORTE. 2 SMALL PIERS AND 3 WHARF AREAS, ROAD SERVED.	2 NM SOUTH OF SANTA CRUZ DEL NORTE.  ROOF OF ONE STORAGE BUILDING PARTIALLY BURNED THROUGH. ONE LARGE PROCESSING BUILDING AND SEVERAL ASSOCIATED BUILDINGS.	23Ø8N Ø8157W	Ø586		87A
ON OPPOSITE (EAST) SIDE OF THE BOCA DE SANTA CRUZ IS A RAIL AND ROAD SERVED PORT FACILITY WHICH IS PROBABLY PRINCIPALLY USED BY THE HERSHEY SUGAR MILL.  VESSELS SEVERAL SMALL CRAFT.	EAST SIDE OF SANTA CRUZ DEL NORTE 2 SMALL PIERS AND 3 WHARF AREAS, ROAD SERVED. ON OPPOSITE (EAST) SIDE OF THE BOCA DE SANTA CRUZ IS A RAIL AND ROAD SERVED PORT FACILITY WHICH IS PROBABLY PRINCIPALLY USED BY THE HERSHEY SUGAR MILL.	23Ø9N Ø8155W	Ø586		214A
PROBABLE RESIDENTIAL AREA FOR WORKERS OF HERSHEY INDUSTRIAL COMPLEX LOCATED 2 NM TO SW.	PROBABLE RESIDENTIAL AREA FOR WORKERS OF HERSHEY INDUSTRIAL COMPLEX LOCATED				214

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TOP SECRET CAPP 66 For Release 2001/11/19: CIA-RDP78T04751A000200010001-2

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Installation Numbers WAC City, Installation Coordinates BE NPIC PUNTA DE MOLAS AREA, LANDING STRIP 2311N Ø81Ø7W Ø586 31D •5 NM SOUTH OF PUNTA DE MOLAS ON CAYO MOLAS IN CARDENAS BAY. 1,300 X 70 FT ENE/WSW PROBABLY CORAL RUNWAY. SERVICEABLE. NOT LISTED IN ASSOTW. AIRCRAFT -- NONE. CARDENAS BAY SEAPLANE STATION 7 NM NE OF VARADERO. LISTED IN ASSOTW. 2311N Ø81Ø8W Ø586 31 VOL 6, SEPT 60. AIRCRAFT -- NONE. CUATRO CAMINOS AREA, COMMUNICATIONS STATION .7 NM SOUTHWEST OF CUATRO CAMINOS. 2300N 08213W 0586 277A 3 FISHBONE ANTENNAS, ONE TALL AND ONE SHORT GUIDED MAST WITH 2 ASSOCIATED BUILDINGS. JOSE MARTI INTERNATIONAL AIRFIELD 23@ØN Ø8224W Ø586 861 4 NM S OF HAVANA AT 22-59-40N 82-24-10W 7,060 X 150 FT NE/SW CONCRETE & BLACKTOP RUNWAY. LISTED IN ASSOTW, VOL 6, OCT 60. AIRCRAFT -- A TOTAL OF 29, INCLUDING 3 CONSTELLATION, ONE VISCOUNT, 3 BRITANNIA, 4 C-47 (ONE MINUS TAIL), 7 C-46, ONE CESSNA 310, 5 LIAISON, 3 C-54, ONE POSSIBLE C-54, ONE LODESTAR. DEFENSES -- NUMEROUS SMALL TRENCHES

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City, Installation	Coordinates	WAC	Installatio	
BEING DUG IN HANGAR AREA AND NEAR THE SW			BE	NPIC
END OF RUNWAY.	22 GAN (892 / 4 W	Ø5.04		1,175
MARIEL NAVAL AIR STATION  1.5 NM NW OF MARIEL.  6,000 X 150 FT NE/SW CONCRETE RUNWAY,  SERVICEABLE, BUT OBSTRUCTED BY PROBABLE  OIL DRUMS. LISTED IN ASSOTW, VOL 6, NOV 58.  DEFENSES 3-GUN POSSIBLY OCCUPIED AA  POSITION 500 FT SW OF HANGAR. 3-GUN  UNOCCUPIED AA POSIIION 700 FT ENE OF  HANGAR. POSSIBLE 3-GUN UNOCCUPIED AA  POSITION 350 FT WEST OF HANGAR. UNOCCUPIED  5 DP GUN POSITIONS AT NORTHEAST END OF  RUNWAY. ZIG-ZAG TRENCHING EXTENDS SOUTH—  WEST FROM HANGAR AREA. 4 AUTOMATIC WEAPONS  POSITIONS GUARDING ROAD JUNCTION ON ROUTE  1-79 (23-00N 82-47W), 300 YARDS SOUTHWEST  OF RUNWAY, OCCUPANCY UNDETERMINED. 51 PITS,  SPACED APPROXIMATELY 90 FT APART, LINE  BOTH SIDES OF RUNWAY. PURPOSE UNDETERMINED.  AIRCRAFT 3 LIAISON.	2300N 08246W	Ø586		117E
PARLA CUBAN NAVAL AIR BASE  1.5 NM NW OF MARIEL.  AIRCRAFT NONE.  VESSELS 2 PROBABLE PATROL CRAFT, 75 FT  AND 90 FT, MOORED JUST NE OF SEAPLANE RAMP.  LISTED IN ASSOTW, VOL 6, OCT 59.	2300N 08246W	Ø586		117F
MARIEL AREA; NAVAL AMMO STORAGE  •5 NM NW OF MARIEL NAVAL AIR STATION• 2 BUNKERS; 1 BUILDING• ROAD CONNECTS STORAGE AREA WITH AIR STATION•	2300N 08246W	Ø586 <sub>.</sub>		117B

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TOP SECRET CHESS

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TOP SECRET CADE 6 Ged For Release 2001/11/19: CIA-RDP78T04751A000200010001-2

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Installation Numbers City, Installation Coordinates WAC MARIEL AREA, ANTIAIRCRAFT DEFENSES 2.5 NM WNW OF MARIEL AT 22-59-55N 2300N 08248W Ø586 1171 82-47-55W. ONE 6-GUN MEDIUM AA POSITION, PROBABLY OCCUPIED, AND ONE MEDIUM AA POSITION, PROBABLY ABANDONED. 2300N 08249W PLAYA VISTA DEL MAR, MICROWAVE TOWER Ø586 278 ATOP HILL AT 23-00-50N 82-49-40W. CUATRO CAMINOS AREA, PROBABLE MILITARY STORAGE 23Ø1N Ø8214W Ø586 277B 1.3 NM NW OF CUATRO CAMINOS. SECURED AREA CONTAINS 6 LARGE WAREHOUSES, ADMINISTRATION BUILDING, AND 10 ASSOCIATED BUILDINGS. ADJACENT TO RAILROAD. DEFENSES -- 4 PERSONNEL TRENCHES. VEHICLES/EQUIPMENT -- NONE. HAVANA AREA, MILITARY DEFENSES 23Ø1N Ø822ØW Ø586 86C8 5.5 NM SOUTH OF HAVANA HARBOR. STRONG-POINT CONSISTING OF NUMEROUS TRENCHES WITH FIRING BAYS RADIATING FROM WOODS IN AREA. APPROXIMATELY 25 AUTOMATIC WEAPONS POSITIONS (UNOCCUPIED) IN AREA. CONSIDERABLE TRACK ACTIVITY. 23Ø1N Ø8229W 86E4 PUNTA BRAVA AREA, MILITARY DEFENSES Ø586 ONE NM SOUTHEAST OF PUNTA BRAVA. ZIG-ZAG TRENCHES -- ONE 850 FT LONG, ONE 350 FT LONG, ONE 150 FT LONG. 9 ROUGHLY CIRCULAR STRONG POINTS CONSISTING OF PERSONNEL TRENCHES AND FIRING BAYS. ONE STRONG POINT UNDER

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CONSTRUCTION.  HAVANA AREA, HABANA SUGAR MILL  2 NM SW OF PLAYA BARACOA AIRFIELD.  ONE LARGE PROCESSING BUILDING AND 3 ASSOCIATED BUILDINGS, RAIL SERVED. TWO STORAGE TANKS.  MARIEL AREA, CEMENT PLANT 1.3 NM NORTH OF MARIEL.  ONE LARGE PROCESSING BUILDING, 2 LARGE STORAGE TANKS, 3 SMALLER STORAGE TANKS, AN OPEN—STORAGE RESERVOIR, AND 2 STORAGE SILOS. A TALL HEADFRAME, BERTHING AND LOADING PIER FOR BARGES, AND LARGE OPEN— PIT QUARRY. RAIL SERVED.	86 <b>A</b>
2 NM SW OF PLAYA BARACOA AIRFIELD. ONE LARGE PROCESSING BUILDING AND 3 ASSOCIATED BUILDINGS, RAIL SERVED. TWO STORAGE TANKS.  MARIEL AREA, CEMENT PLANT 1.3 NM NORTH OF MARIEL. ONE LARGE PROCESSING BUILDING, 2 LARGE STORAGE TANKS, 3 SMALLER STORAGE TANKS, AN OPEN-STORAGE RESERVOIR, AND 2 STORAGE SILOS. A TALL HEADFRAME, BERTHING AND LOADING PIER FOR BARGES, AND LARGE OPEN- PIT QUARRY. RAIL SERVED.	8 <b>6A</b>
1.3 NM NORTH OF MARIEL.  ONE LARGE PROCESSING BUILDING, 2 LARGE STORAGE TANKS, 3 SMALLER STORAGE TANKS, AN OPEN-STORAGE RESERVOIR, AND 2 STORAGE SILOS. A TALL HEADFRAME, BERTHING AND LOADING PIER FOR BARGES, AND LARGE OPEN- PIT QUARRY. RAIL SERVED.	
20011 200151 2501	117C
MARIEL, PORT FACILITIES  NORTH EDGE OF MARIEL, NE SIDE OF MARIEL  BAY. 4,500 FT OF PRINCIPAL WHARFAGE. 1 PIER  680 FT LONG, 1 PIER 200 FT LONG, 1 PIER  190 FT LONG, NUMEROUS SMALLER PIERS.  MARINE RAILWAY 190 FT LONG. LARGE QUANTITY  OF U/I MATERIALS IN OPEN STORAGE ADJACENT  TO WHARF ON NE SIDE OF BAY. SMALLER  AMOUNT OF U/I MATERIALS ON LARGE RAIL—  SERVED PIER JUST NORTH OF MARIEL.  VESSELS — 2 PROBABLE PATROL BOATS AND  3 BARGES.  VEHICLES/EQUIPMENT — 20 PROBABLE BOXCARS  NEAR PIER NORTH OF MARIEL.	117

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TOP SECRET CAND 60 Ged For Release 2001/11/19: CIA-RDP78T04751A000200010001-2

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NPIC/MCI-1/61

Installation Numbers

City, Installation Coordinates BE NPIC 23Ø1N Ø825ØW Ø586 279 PLAYA VISTA DEL MAR AREA, MILITARY CAMP 1.2 NM W OF PLAYA VISTA DEL MAR. FENCED AREA CONTAINING 9 LARGE BARRACKS. ONE ADMINISTRATION BUILDING, 3 SMALL SUPPORT-TYPE BUILDINGS, AND ONE STORAGE TANK. NUMEROUS TRENCHES AND UNOCCUPIED ARTILLERY REVETMENTS THROUGHOUT AREA. VEHICLES/EQUIPMENT -- APPROXIMATELY 40 PROBABLE TRUCKS. 23Ø2N Ø8216W 86D9 Ø586 HAVANA AREA, IRON & STEEL PLANT 5 NM SE OF HAVANA. THE ANTILLANA DE ACERO PLANT INCLUDES 1 FURNACE BUILDING WITH 3 STACKS, 2 MILL BUILDINGS, WATER TOWER, AND SPRAY POND. HAVANA AREA, MILITARY DEFENSES 3.5 NM SSE OF CAMPO LIBERTAD AIRFIELD. 23Ø2N Ø8225W 86D2 Ø586 NUMEROUS SMALL TRENCHES AND AUTOMATIC WEAPONS POSITIONS IN AREA. HAVANA AREA, RADIO STATION 23Ø2N Ø8226W Ø586 86A4 4 NM SOUTH OF CAMPO LIBERTAD AIRFIELD, AT 23-01-45N 82-26-00W. STATION HAS A CENTRAL CONTROL BUILDING AND TWO GUYED LATTICE ANTENNAS. IT IS A PROBABLE MEDIUM-FREQUENCY STANDARD BROADCAST STATION. CONTROL BUILDING AND COOLING POND UNDER CONSTRUCTION. SEVERAL NEW MASTS APPEAR TO HAVE BEEN ERECTED. PLAYA BARACOA AREA, MILITARY DEFENSES 23Ø2N Ø8233W Ø586 22D 1.3 NM SOUTHEAST OF PLAYA BARACOA, 1,650

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NPIC/MCI-1/61

City, Installation	Coordinates	WAC	Installatio	n Numbers
City, materialia	Coolumates	"70	BE	NPIC
FT WEST OF ROUTE 2-3. 6 UNOCCUPIED PERSONNEL/AUTOMATIC WEAPONS POSITIONS.				
PLAYA BARACOA AIRFIELD (DOMINGO ROSILLO) 3.5 NM SW OF SANTA FE. 5,400 X 150 FT NNE/SSW PROBABLE BLACKTOP RUNWAY. LISTED IN ASSOTW, VOL 6, JAN 61. AIRCRAFT A TOTAL OF 9, INCLUDING ONE C-47, 5 HOUND, 3 POSSIBLE HARE. DEFENSES ONE 4-GUN PROBABLY OCCUPIED AA POSITION WEST OF CONTROL BUILDING. ONE 3-GUN UNOCCUPIED AA POSITION ALONGSIDE RUNWAY OPPOSITE CONTROL BUILDING. POSSIBLE 3-GUN UNOCCUPIED AA POSITION AT NNE END OF RUNWAY. A 4-GUN (UNOCCUPIED) AND A 3-GUN (PROBABLY OCCUPIED) AA POSITION EAST OF RUNWAY. VEHICLES/EQUIPMENT APPROXIMATELY 25 VEHICLES, 7 PACKING CRATES.	2302N 08235W	Ø586		22
PLAYA BARACOA AREA, PROB COASTAL DEFENSES 2 NM WSW OF PLAYA BARACOA. PROBABLE 6-GUN COASTAL DEFENSE POSITION, POSSIBLY OCCUPIED. 7 UNOCCUPIED AUTOMATIC WEAPONS POSITIONS, .3 NM SW OF PLAYA BARACOA.	23Ø2N Ø8236W	Ø586		2.2 <b>C</b>
BOCA DE BANES, PORT FACILITIES  2 NM NNW OF BANES.  ONE ROAD AND RAIL-SERVED PIER APPROXIMATELY 250 FT LONG. 2 LARGE STORAGE TANKS NEAR PIER.  VESSELS ONE BARGE APPROXIMATELY 80 FT LONG AT PIER AND ONE BARGE ANCHORED IN BAY.	23Ø2N Ø8238W	Ø586		23

25X1A

118 TOP SECRET CHESS
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NPIC/MCI-1/61

Installation Numbers City, Installation WAC Coordinates TAPASTE AREA, POSSIBLE MILITARY DEFENSES 23Ø3N Ø82Ø6W Ø586 316 2.4 NM ENE OF TAPASTE ON RIDGE OF LOMAS DE SAN FRANCISCO JAVIER. SIX EARTH CUTS EACH APPROXIMATELY 170 X 30 FT, PERPENDICULAR TO RIDGE LINE. HAVANA AREA: TOLEDO SUGAR MILL 2 NM SE OF CAMPO LIBERTAD AT 23Ø3N Ø8225W Ø586 86V 23-03-10N 82-25-20W. LARGE MULTISECTIONAL PROCESSING BUILDING, 5 ASSOCIATED BUILDINGS, AND AT LEAST ONE STORAGE TANK. RAIL SERVED. HAVANA AREA, MILITARY DEFENSES 23Ø3N Ø8225W Ø586 8601 2.1 NM SOUTH OF CAMPO COLUMBIA BARRACKS. NUMEROUS SMALL TRENCHES AND UNOCCUPIED AUTOMATIC WEAPONS POSITIONS SCATTERED THROUGHOUT AREA. HAVANA AREA, COMMUNICATIONS INSTALLATION 23Ø3N Ø8227W Ø586 86B3 3 NM SSW OF CAMPO LIBERTAD AIRFIELD, AT 23-02-40N 82-27-20W. 1 TOWER AND 2 ASSOCIATED LARGE BUILDINGS. HAVANA AREA, RADIO STATION 23Ø3N Ø8228W Ø586 86A6 3.5 NM SW OF CAMPO LIBERTAD AIRFIELD, AT 23-03-10N 82-28-05W. 2 TALL SELF-SUPPORTING TOWERS, 3 SHORTER SELF-SUPPORTING TOWERS, ONE MAIN BUILDING. Ø586 314 LOMA DE TIERRA AREA, MILITARY DEFENSES 2304N Ø8214W 2.4 NM NORTH OF LOMA DE TIERRA.

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City, Installation  5 UNOCCUPIED ARTILLERY POSITIONS AND ONE PROBABLE BUNKER ON RIDGE NORTH OF AND COMMANDING ROUTE 2-19. NUMEROUS UNOCCUPIED SMALL TRENCHES AND REVETMENTS SCATTERED THROUGH AREA.  HAVANA AREA. RADIO STATION  3 NM SW OF CAMPO LIBERTAD AIRFIELD. AT 23-03-40N 82-28-50W. STANDARD BROADCAST STATION CONSISTING OF A CONTROL BUILDING AND TWO GUYED LATTICE MASTS.  HAVANA MILITARY ACADEMY  3 NM SW OF CAMPO LIBERTAD AIRFIELD AT 23-04-15N 82-28-40W. TRENCHES AND WEAPONS POSITIONS SCATTERED THROUGHOUT AREA. NO UNUSUAL ACTIVITY.	Coordinates  2304N 08229W		·	86A
ONE PROBABLE BUNKER ON RIDGE NORTH OF AND COMMANDING ROUTE 2-19. NUMEROUS UNOCCUPIED SMALL TRENCHES AND REVETMENTS SCATTERED THROUGH AREA.  HAVANA AREA. RADIO STATION  3 NM SW OF CAMPO LIBERTAD AIRFIELD.  AT 23-03-40N 82-28-50W. STANDARD BROADCAST STATION CONSISTING OF A CONTROL BUILDING AND TWO GUYED LATTICE MASTS.  HAVANA MILITARY ACADEMY  3 NM SW OF CAMPO LIBERTAD AIRFIELD  AT 23-04-15N 82-28-40W.  TRENCHES AND WEAPONS POSITIONS SCATTERED			·	
3 NM SW OF CAMPO LIBERTAD AIRFIELD. AT 23-03-40N 82-28-50W. STANDARD BROADCAST STATION CONSISTING OF A CONTROL BUILDING AND TWO GUYED LATTICE MASTS.  HAVANA MILITARY ACADEMY 3 NM SW OF CAMPO LIBERTAD AIRFIELD AT 23-04-15N 82-28-40W. TRENCHES AND WEAPONS POSITIONS SCATTERED	23 <b>04</b> N 08229W	Ø58 <b>6</b>	·	86K
3 NM SW OF CAMPO LIBERTAD AIRFIELD AT 23-04-15N 82-28-40W⋅ TRENCHES AND WEAPONS POSITIONS SCATTERED	2304N 08229W	Ø586		86K
SANTA FE AIRFIELD  6 NM WSW OF HAVANA. 2,600 X 120 FT ENE/WSW SOD RUNWAY, SERVICEABLE. ONE LARGE AND 9 SMALL HANGARS. LISTED IN ASSOTW, VOL 6, OCT 60. AIRCRAFT 8 LIAISON. DEFENSES 3 ONE-GUN EMPLACEMENTS ALONG SOUTH SIDE OF RUNWAY.	23Ø4N Ø8231W	Ø586	P 3 4	198
HAVANA AREA, MILITARY DEFENSES 5 NM SSE OF CASTILLO DE MORRO, AT 23-04-36N 82-18-54W. SCATTERED ZIG-ZAG TRENCHES AND A FEW UNOCCUPIED REVETMENTS.	23Ø5N Ø8219W	Ø586		862

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TOP SECRET CAMP&ved For Release 2001/11/19: CIA-RDP78T04751A000200010001-2

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NPIC/MCI-1/61

Installation Numbers City, Installation Coordinates WAC ВE NPIC 86A8 23Ø5N Ø8223W Ø586 HAVANA AREA, RADIO STATION 3 NM ESE OF CAMPO LIBERTAD AIRFIELD, AT 23-04-50N 82-23-10W. STATION CONSISTS OF A LARGE BUILDING (WHICH MAY HOUSE STUDIOS), A CONTROL BUILDING, AND A SUPPORT BUILDING. THE ANTENNA IS A TALL SELF-SUPPORTING LATTICE TOWER. 86G HAVANA, CIUDAD MILITAR MICROWAVE SITE 23Ø5N Ø8226W Ø586 1 NM SOUTH OF CAMPO LIBERTAD AIRFIELD MAIN HANGAR AREA AT 23-04-48N 82-26-00W. AREA APPEARS TO HAVE A COMPLEX OF BUILDINGS WITH A SELF-SUPPORTING TOWER ATOP THE MAIN BUILDING. HAVANA, MILITARY CAMP (CAMPO COLUMBIA) 86C 23Ø5N Ø8226W Ø586 ADJACENT TO CAMPO LIBERTAD AIRFIELD, AT 23-05-20N 82-25-45W. AREA CONTAINS 20 T-SHAPED POSSIBLE BARRACKS, 11 MAJOR ADMINISTRATIVE BUILDINGS, 87 BARRACKS-TYPE BUILDINGS, AND NUMEROUS ASSOCIATED BUILDINGS. MIDWAY ALONG THE SE SIDE OF THE CAMP ARE 3 LARGE BUILDINGS IN A SEPARATE ENCLOSURE (BUILDINGS ARE POSSIBLY THOSE WHICH REPORTEDLY ARE USED FOR SMALL ARMS ASSEMBLY). A MICROWAVE SITE CONSISTING OF A GUYED TOWER AND ASSOCIATED BUILDING IS LOCATED IN THE SW CORNER OF THE CAMP. DEFENSES -- ONE 3-GUN UNOCCUPIED AA POSITION 300 YARDS SOUTH OF ADMINISTRATION BUILDING. 2 BUILDINGS ADJACENT TO AIRFIELD HAVE LIGHT AA POSITIONS ON ROOF.

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City, Installation	Coordinates	WAC	Installation Numbers
			BE NPIC
HAVANA AREA, MICROWAVE STATION 2.5 NM EAST OF CAMPO LIBERTAD AIRFIELD, AT 23-05-45N 82-23-40W. STATION CONSISTS OF TOWER AND ASSOCIATED BUILDING.	2306N 08224W	Ø586	8685
HAVANA, BROADCAST STATION 2.5 NM EAST OF CAMPO LIBERTAD AIRFIELD, AT 23-05-40N 82-23-45W. LATTICE TOWER AND ASSOCIATED BLDG.	2306N 08224W	Ø586	8689
HAVANA AREA, MILITARY DEFENSES  4.2 NM SW OF MORRO CASTLE, ON°LOMA DE HUSILLO. ONE UNOCCUPIED 6-GUN MEDIUM AA POSITION, 20 OCCUPIED LIGHT AA POSITIONS. THREE 4-GUN, ONE 5-GUN, ONE 7-GUN, AND THREE POSSIBLE 3-GUN MEDIUM DP POSITIONS AND NUMEROUS LIGHT ARTILLERY POSITIONS, ALL UNOCCUPIED, ON THE HIGH GROUND OF THE LOMA DE HUSILLO.	23Ø6N Ø8224W	Ø586	86C5
HAVANA AREA, MARIANAO TIRE FACTORY  1.5 NM ESE OF CAMPO LIBERTAD AIRFIELD.  ONE LARGE PROCESSING BUILDING, AN ADMINISTRATION BUILDING, APPROXIMATELY  10 SMALLER ASSOCIATED BUILDINGS AND TWO STORAGE TANKS. PLANT IS RAIL SERVED.  SOUTH OF PLANT IS A PROBABLE ASSOCIATED FENCED STORAGE AREA CONTAINING ONE LARGE STORAGE TANK, 4 SMALLER TANKS, 7 BUILDINGS, AND UNIDENTIFIED ITEMS IN OPEN STORAGE.	2306N 08225W	Ø586	8606
CAMPO LIBERTAD AIRFIELD IN HAVANA, AT 23-05-40N 82-26-20W.	23Ø6N Ø8226W	Ø586	86B

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NPIC/MCI-1/61

City, Installation	Coordinates	WAC		n Numbers
City, Installation  6,790 X 150 FT E/W RUNWAY, 5,380 X 150 FT NE/SW RUNWAY, 3,740 X 150 FT N/S RUNWAY, ALL ASPHALT SURFACED AND ALL SERVICEABLE, LISTED IN ASSOTW, VOL 6, OCT 60, AIRCRAFT TOTAL OF 22 INCLUDING ONE PBY, ONE C-82, 3 B-26, 5 UNIDENTIFIED	Coordinates	WAC	BE	NPIC
AIRCRAFT, 5 LIAISON, 5 COLT, AND 2 UNIDENTIFIED AIRCRAFT PARTIALLY IN HANGAR.  DEFENSES ONE 3-GUN UNOCCUPIED AA POSITION AT SOUTH END OF N/S RUNWAY. ONE 3-GUN AND 2 PROBABLE OCCUPIED AA POSITION AT SW END OF NE/SW RUNWAY. ONE 4-GUN AND				
ONE 3-GUN UNOCCUPIED AA POSITION AT WEST END OF E/W RUNWAY. ONE 3-GUN UNOCCUPIED AA POSITION BETWEEN TAXIWAY AND RUNWAY OF W/W RUNWAY NEAR WEST END. ONE 3-GUN UNOCCUPIED AA POSITION AT INTERSECTION OF E/W AND N/S				
RUNWAYS. 2 GUNS ON BUILDINGS ON SOUTH EDGE OF AIRFIELD. NUMEROUS AUTOMATIC WEAPONS REVETMENTS AND PERSONNEL TRENCHES, OCCUPANCY UNDETERMINED, AND VEHICLE REVETMENTS SCATTERED AROUND FIELD.			·	
VEHICLES/EQUIPMENT — 10 POSSIBLE COLT CRATES, APPROXIMATELY 25 TRUCKS.				
AAVANA AREA, MILITARY DEFENSES  2.6 NM EAST OF GUANABACOA AND 1,500 FT  NE OF ROUTE 2-19. ONE 5-GUN AND TWO 4-GUN POSITIONS, PROBABLY OCCUPIED, AND ONE PROBABLE 3-GUN UNOCCUPIED MEDIUM ARTILLERY POSITION.	2307N 08215W	Ø586		86D3
AVANA AREA IRON & STEEL PROCESSING PLANT 4.5 NM SE OF CASTILLO DE MORRO AT GUANABACOA. PLANT CONSISTS OF A COMPLEX BUILDING, OPEN STORAGE, AND 2 MOBILE	23Ø7N Ø8218W	Ø586		86E1

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City, Installation	Coordinates	WAC	Installatio BE	n Numbers NPIC
CRANES. ADJACENT TO RAILROAD.		:	DE.	NPIC
HAVANA AREA; MICROWAVE STATION  WEST SIDE OF GUANABACOA; AT 23-07-15N  82-18-55W. GUYED TOWER WITH SMALL  ASSOCIATED BUILDING.	2307N 08219W	Ø586		86C1
HAVANA, OIL REFINERY (SHELL)  3 NM SE OF CASTILLO DE MORRO AT 23-06-45N 82-19-40W. APPROXIMATELY 15 BUILDINGS AND 10 STORAGE TANKS. RAIL SERVED.	2307N 08220W	Ø586		86R
HAVANA, BROADCAST STATION  1 NM ENE OF CUBAN PETROLEUM CO, AT  23-07-10N 82-20-00W. 1 LATTICE TOWER AND 2  ASSOCIATED BUILDINGS.	23Ø7N Ø822ØW	Ø586		8686
HAVANA BROADCAST STATION  •2 NM N OF SINCLAIR OIL CO AT 23-07-10N  82-19-40W LATTICE TOWER AND ASSOCIATED  SMALL BUILDING •	2307N 08220W	Ø586		8688
HAVANA, POL STORAGE (CUBAN PETROLEUM CO) 2.5 NM SSE OF MORRO CASTLE AT 23-07-00N 82-20-10W. 3 LARGE AND 9 SMALL STORAGE TANKS. 2 MAIN BUILDINGS, RAIL SERVED.	2307N 08220W	Ø586		86T
HAVANA, POL STORAGE (SINCLAIR)  2.8 NM SSE OF CASTILLO DE MORRO AT  23-06-50N 82-19-35W. INSTALLATION INCLUDES  11 VERTICAL POL TANKS. RAIL AND WATER	23Ø7N Ø822ØW		ECRET	86U CHES

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NPIC/MCI-1/61

Installation Numbers Coordinates WAC City, Installation BE NPIC SERVED. VEHICLES/EQUIPMENT -- APPROXIMATELY 85 RAIL CARS AND 100 VEHICLES. OBLIQUITY PRECLUDES DETERMINATION OF TYPE OF RAIL CARS AND VEHICLES. VESSELS -- ONE OIL TANKER (700 FT) DOCKED AT PIER. Ø586 86B1 23Ø7N Ø8221W HAVANA, GAS WORKS AT 23-06-50N 82-21-15W. ONE LARGE GASOMETER, ONE POSSIBLE MEDIUM GASOMETER, 2 SMALL GASOMETERS, ONE LARGE POL STORAGE TANK, AND ONE VERTICAL STORAGE TANK. HAVANA, TALLAPIEDRA POWER PLANT 2307N Ø8221W Ø586 86D8 ON NORTH SHORE OF ENSENADA DE ATARES. ONE MAIN BUILDING WITH 5 STACKS. 5 ASSOCIATED VERTICAL STORAGE TANKS. HAVANA, RINCON DE MELONES POWER PLANT 2307N Ø8221W Ø586 86W 2 NM S OF CASTILLO DE MORRO AT 23-07-10N 82-21-25W. INSTALLATION CONTAINS BOILERHOUSE, GENERATOR HALL, TRANSFORMER YARD, 4 POL STORAGE TANKS. RAIL SERVED. 23Ø7N Ø8221W Ø586 86C7 HAVANA, VEHICLE/EQUIPMENT STORAGE AREA ADJACENT TO RAIL YARD, JUST SOUTH OF HAVANA HARBOR. OPEN STORAGE AREA CONTAINING APPROXIMATELY 150 TRUCKS AND APPROXIMATELY 1,300 U/I VEHICLES AND/OR PIECES OF EQUIPMENT. APPROXIMATELY 80 SQUARE SHIPPING CRATES.

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City, Installation	Coordinates	WAC		n Numbers
	303.2		BE	NPIC
HAVANA, SAN ANTONIO NAVAL ARSENAL 2 BUILDINGS, ONE ENCLOSED BY WALL.	23 <b>07</b> N Ø8221W	Ø586		86D4
BACURANAO AIRFIELD  JUST ENE OF BACURANAO.  2,400 X 125 FT E/W SOD RUNWAY, SERVICEABLE.  THREE SUPPORT BUILDINGS 60 X 30 FT,  55 X 30 FT, AND 55 X 35 FT. ONE AIRCRAFT  SHELTER 175 X 30 FT.  AIRCRAFT 4 LIAISON-TYPE.	23Ø8N Ø8214W	Ø586	-	15
HAVANA, COMMUNICATIONS STATION  1.2 NM E OF GUANABACOA, AT 23-Ø7-35N 82-16-3ØW. 3 TALL TOWERS AND ASSOCIATED BUILDING.  DEFENSES ONE UNOCCUPIED 4-GUN DP POSITION, ONE 3-GUN UNOCCUPIED DP POSITION, APPROXIMATELY 3Ø UNOCCUPIED AUTOMATIC WEAPONS POSITIONS, AND 12 VEHICLE REVETMENTS.	2308N 08217W	Ø586		86C2
HAVANA, BROADCAST STATION  •4 NM SE OF ESSO OIL CO, AT 23-07-45N  82-19-00W. 1 LATTICE TOWER AND ASSOCIATED  BUILDING.	23Ø8N Ø8219W	Ø586		86B7
HAVANA; OIL REFINERY (ESSO)  2 NM SE OF CASTILLO DE MORRO AT  23-08-10N 82-19-30W. APPROXIMATELY  150 STORAGE TANKS VISIBLE. RAIL AND  WATER SERVED.	23Ø8N Ø822ØW			865

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HAVANA; REGLA POWER PLANT ON SE SHORE OF BAHIA DE LA HABANA; ONE MAIN BUILDING WITH 3 STACKS; 2 ASSOCIATED VERTICAL STORAGE TANKS;	23Ø8N Ø822ØW	Ø586		86D5
HAVANA, PORT FACILITIES  PORT FACILITIES EXTEND COMPLETELY AROUND HAVANA BAY AND CONSISTS OF APPROXIMATELY 50 PIERS AND SEVERAL QUAYS.  VESSELS (ALL MEASUREMENTS APPROXIMATE) — THREE 305—FT PATROL FRIGATES, ONE 290—FT PROBABLE PATROL FRIGATE, ONE 180—FT PROBABLE PATROL CRAFT ESCORT, ONE 700—FT TANKER, ONE 240—FT TANKER, 32 CARGO SHIPS RANGING IN LENGTH FROM 150—540 FT. TWO OTHER CARGO SHIPS LEAVING HARBOR AND ONE ENTERING. NUMEROUS SMALLER CRAFT.	23Ø8N Ø8221V	Ø586		86
HAVANA POSS MIL CAMP (CASTILLO DE PRINCIPE) 3.7 NM NE OF CAMPO LIBERTAD AIRFIELD, AT 23-07-50N 82-23-10W. NO UNUSUAL ACTIVITY.	23Ø8N Ø8223V	Ø586		860
HAVANA AREA, MILITARY DEFENSES  6 NM EAST OF MORRO CASTLE, 10 UNOCCUPIED AUTOMATIC WEAPONS POSITIONS.	23Ø9N Ø8215W	Ø586	<i>;</i>	86E2
HAVANA, THERMAL ELECTRIC POWER PLANT ON NE SHORE OF BAHIA DE LA HABANA, AT 23-08-32N 82-19-50W. ONE MAIN BUILDING WITH 2 STACKS, 3 ASSOCIATED VERTICAL	23Ø9N Ø822ØV		FCRET	。86A1

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TOP SECRET CHAMMOved For Release 2001/11/19 : CIA-RDP78T04751A000200010001-2 NPIC/MCI-1/61 NOFORN

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STORAGE TANKS.  HAVANA, RADIO STATION  1.3 NM NE OF LA CABANA FORT, AT 23-09-20N  82-19-40%. STANDARD BROADCAST RADIO STATION WITH TWO GUYED LATTICE TOWERS, TWO SHORT SELF-SUPPORTING TOWERS, AND A CONTROL BUILDING.  HAVANA, (CASA BLANCA) NAVAL ARSENAL INSTALLATION HAS 2 OPEN PIERS, ONE COVERED PIER, 2 MARINER RAILWAYS, ONE DRY DOCK, 13 POSSIBLE WAREHOUSES, 7 ADMINISTRATION AND ASSOCIATED BUILDINGS. ROAD SERVED ONLY. VESSELS 7 POSSIBLE MERCHANT VESSELS, 5 POSSIBLE PATROL CRAFT, AND NUMEROUS SMALL CRAFT AND BARGES.  HAVANA, HARBOR TUNNEL ROAD TUNNEL UNDER ENTRANCE TO HAVANA HARBOR, AT 23-08-50N 82-21-25w.  HAVANA, NAVAL ENLISTED TRAINING CENTER 5 NM EAST OF CASTILLO DE MORRO, AT 23-08-50N 82-20-40W. 12 T-SHAPED BUILDINGS, APPROXIMATELY 12 SUPPORT BUILDINGS, 47 MULTIFAMILY DWELLINGS. APPROXIMATELY 20 OTHER VEHICLE PARK AND APPROXIMATELY 20 OTHER VEHICLES IN BARRACKS AREA. NO ARTILLERY NOTED.	City, Installation	Coordinates	WAC		n Numbers
HAVANA, RADIO STATION  1.3 NM NE OF LA CABANA FORT, AT 23-09-20N  82-19-40W. STANDARD BROADCAST RADIO STATION WITH TWO GUYED LATTICE TOWERS, TWO SHORT SELF-SUPPORTING TOWERS, AND A CONTROL BUILDING.  HAVANA, (CASA BLANCA) NAVAL ARSENAL INSTALLATION HAS 2 OPEN PIERS, ONE COVERED PIER, 2 MARINE RAILWAYS, ONE DRY DOCK, 13 POSSIBLE WAREHOUSES, 7 ADMINISTRATION AND ASSOCIATED BUILDINGS. ROAD SERVED ONLY. VESSELS 7 POSSIBLE MERCHANT VESSELS, 5 POSSIBLE PATROL CRAFT, AND NUMEROUS SMALL CRAFT AND BARGES.  HAVANA, HARBOR TUNNEL ROAD TUNNEL UNDER ENTRANCE TO HAVANA HARBOR, AT 23-08-50N 82-21-25W.  HAVANA, NAVAL ENLISTED TRAINING CENTER .5 NM EAST OF CASTILLO DE MORRO, AT 23-08-50N 82-20-40W. 12 T-SHAPED BUILDINGS, APPROXIMATELY 12 SUPPORT BUILDINGS, 47 MULTIFAMILY DWELLINGS. APPROXIMATELY 80 REVETMENTS IN THE AREA. VEHICLES JENDARRACKS AREA. NO ARTILLERY	STODACE TANKS			BE	NPIC
INSTALLATION HAS 2 OPEN PIERS, ONE COVERED PIER 2 MARINE RAILWAYS, ONE DRY DOCK, 13 POSSIBLE WAREHOUSES, 7 ADMINISTRATION AND ASSOCIATED BUILDINGS. ROAD SERVED ONLY. VESSELS — 7 POSSIBLE MERCHANT VESSELS, 5 POSSIBLE PATROL CRAFT, AND NUMEROUS SMALL CRAFT AND BARGES.  HAVANA, HARBOR TUNNEL ROAD TUNNEL ROAD TUNNEL UNDER ENTRANCE TO HAVANA HARBOR, AT 23-08-50N 82-21-25W.  HAVANA, NAVAL ENLISTED TRAINING CENTER 5 NM EAST OF CASTILLO DE MORRO, AT 23-08-50N 82-20-40W. 12 T-SHAPED BUILDINGS, APPROXIMATELY 12 SUPPORT BUILDINGS, APPROXIMATELY 12 SUPPORT BUILDINGS, 47 MULTIFAMILY DWELLINGS. APPROXIMATELY 80 REVETMENTS IN THE AREA. VEHICLES/EQUIPMENT — 18 VEHICLES IN VEHICLES IN BARRACKS AREA. NO ARTILLERY	HAVANA, RADIO STATION  1.3 NM NE OF LA CABANA FORT, AT 23-09-20N 82-19-40W. STANDARD BROADCAST RADIO STATION WITH TWO GUYED LATTICE TOWERS, TWO SHORT SELF-SUPPORTING TOWERS, AND A	23Ø9N Ø822ØW	Ø586		8 <b>6</b> A9
ROAD TUNNEL UNDER ENTRANCE TO HAVANA HARBOR, AT 23-08-50N 82-21-25W.  HAVANA, NAVAL ENLISTED TRAINING CENTER 5 NM EAST OF CASTILLO DE MORRO, AT 23-08-50N 82-20-40W. 12 T-SHAPED BUILDINGS, APPROXIMATELY 12 SUPPORT BUILDINGS, 47 MULTIFAMILY DWELLINGS. APPROXIMATELY 80 REVETMENTS IN THE AREA. VEHICLES/EQUIPMENT 18 VEHICLES IN VEHICLE PARK AND APPROXIMATELY 20 OTHER VEHICLES IN BARRACKS AREA. NO ARTILLERY	INSTALLATION HAS 2 OPEN PIERS, ONE COVERED PIER, 2 MARINE RAILWAYS, ONE DRY DOCK, 13 POSSIBLE WAREHOUSES, 7 ADMINISTRATION AND ASSOCIATED BUILDINGS. ROAD SERVED ONLY. VESSELS 7 POSSIBLE MERCHANT VESSELS, 5 POSSIBLE PATROL CRAFT, AND NUMEROUS SMALL	2309N 08220W	Ø586		86D7
•5 NM EAST OF CASTILLO DE MORRO, AT 23-08-50N 82-20-40W•  12 T-SHAPED BUILDINGS, APPROXIMATELY 12 SUPPORT BUILDINGS, 47 MULTIFAMILY DWELLINGS• APPROXIMATELY 80 REVETMENTS IN THE AREA• VEHICLES/EQUIPMENT 18 VEHICLES IN VEHICLE PARK AND APPROXIMATELY 20 OTHER VEHICLES IN BARRACKS AREA• NO ARTILLERY	ROAD TUNNEL UNDER ENTRANCE TO HAVANA	2309N '08221W	Ø586		86A3
	•5 NM EAST OF CASTILLO DE MORRO, AT 23-08-50N 82-20-40W•  12 T-SHAPED BUILDINGS, APPROXIMATELY 12 SUPPORT BUILDINGS, 47 MULTIFAMILY DWELLINGS• APPROXIMATELY 80 REVETMENTS IN THE AREA• VEHICLES/EQUIPMENT 18 VEHICLES IN VEHICLE PARK AND APPROXIMATELY 20 OTHER VEHICLES IN BARRACKS AREA• NO ARTILLERY	23Ø9N Ø8221W	Ø586		86M

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TOP SECRET CAMP66 For Release 2001/11/19: CIA-RDP78T04751A000200010001-2

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City, Installation	Coordinates	WAC		n Numbers
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HAVANA AREA; OFFICERS TRAINING SCHOOL NE TIP OF HARBOR ENTRANCE; AT 23-09-05N 82-21-25W; SCHOOL IS HOUSED IN CASTILLO DE MORRO;	23Ø9N Ø8221W	Ø586		86N
HAVANA; MILITARY FORTRESS (LA CABANA)  •5 NM SE OF CASTILLO DE MORRO;  FORTRESS AT ENTRANCE TO HAVANA HARBOR;  NO UNUSUAL ACTIVITY;  VEHICLES/EQUIPMENT — NONE;	23Ø9N Ø8221W	Ø586		86P
HAVANA COMPLEX  CAPITAL CITY COVERING AN AREA OF APPROXIMATELY 40 SQUARE MILES. CENTER OF COMMERCIAL, INDUSTRIAL, AND MILITARY ACTIVITY FOR THE ISLAND OF CUBA. MAIN INDUSTRIAL AREA IS CONCENTRATED AROUND THE HARBOR AREA ON THE EAST SIDE OF THE CITY. THE RAILROAD SYSTEM OF CUBA CENTERS ON HAVANA AND SEVERAL LARGE MARSHALLING YARDS AND CONSIDERABLE TRACKAGE IS LOCATED WITHIN THE COMPLEX. SEVERAL LARGE HOTELS AND OTHER RESORT FACILITIES ARE LOCATED ON THE SHORELINE ON THE NORTH SIDE OF HAVANA.	23Ø9N Ø8222W	Ø586		86A2
MARBELLA, ELECTRONICS INSTALLATION SW EDGE OF MARBELLA, AT 23-09-45N 82-09-15W. ONE GUYED TOWER AND ASSOCIATED BUILDING.	2310N 08209W	Ø586 <sup>°</sup>		284
HAVANA AREA; COASTAL DEFENSES  2.5 NM EAST OF MORRO CASTLE; HAVANA.  1.5 NM STRETCH OF BEACH CONTAINING	231ØN Ø8219W			86C4
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City, Installation	Coordinates	WAC		n Numbers
	Coordinates		BE	NPIC
APPROXIMATELY 35 GUN POSITIONS, OCCUPANCY UNDETERMINED.  JACKSONVILLE, LANDING STRIP 1 NM NW OF JACKSONVILLE, ISLE OF PINES. APPROXIMATELY 2,800 X 160 FT NW/SE PROBABLY SOD RUNWAY (SCATTERED CLOUDS PRECLUDE ACCURATE MEASUREMENT), UNSERVICEABLE (NUMEROUS TRENCHES DUG ACROSS RUNWAY). NOT LISTED IN ASSOTW. AIRCRAFT NONE OBSERVED.	2131N Ø83Ø6W	Ø58 <b>7</b>		61
SAN ANTONIO DE LOS INDIOS, POL STORAGE ONE NM SW OF SAN ANTONIO DE LOS INDIOS. ONE LARGE, REVETTED POL STORAGE TANK. ROAD SERVED. SMALL TRENCH ACROSS ROAD SOUTHEAST OF TANK.	2144N Ø83Ø2W	Ø58 <b>7</b>		52A
SAN ANTONIO DE LOS INDIOS AREA, POSS DEFENSES  2 NM NW OF SAN ANTONIO DE LOS INDIOS AT DELITA, ISLE OF PINES. 2 POSSIBLE DEFENSIVE POSITIONS, EACH CONSISTING OF A TRENCH, ONE WITH 8 POSSIBLE SMALL ARMS FIRING BAYS AT NE EDGE OF DELITA, THE OTHER WITH 5 POSSIBLE SMALL ARMS FIRING BAYS AT SW EDGE OF DELITA.  5 WEAPONS EMPLACEMENTS ARE U/C .5 NM NW OF SAN ANTONIO DE LOS INDIOS.  7 PROBABLE VEHICLE REVETMENTS ARE UNDER CONSTRUCTION JUST NORTHEAST OF DELITA.	2146N Ø83Ø2W	Ø587		52C
PUNTA DE CARTAS, PORT FACILITIES SE EDGE OF PUNTA DE CARTAS. 7 PIERS, ROAD SERVED.	221ØN Ø835ØW		FCDET.	43 CMESS

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City, Installation	Coordinates	WAC		on Numbers
VESSELS APPROXIMATELY 10 SMALL CRAFT.			BE	NPIC
PLAYA DE GALAFRE, PORT FACILITIES SOUTH SIDE OF PLAYA DE GALAFRE. 9 SMALL PIERS, ROAD SERVED. VESSELS NONE.	221ØN Ø8354W	Ø587		63
LA COLOMA, PORT FACILITIES  SE EDGE OF LA COLOMA. 7 TO 9 OFFSHORE WHARVES, 2 JETTIES, COVERED STORAGE FACILITIES. ROAD SERVED. VESSELS NUMEROUS SMALL CRAFT.	2214N Ø8334W	Ø58 <b>7</b>		168
LA COLOMA, LANDING FIELD  3 NM NW OF LA COLOMA: 2,400 FT NE/SW SOD RUNWAY: STRIP APPEARS ABANDONED AND MAY HAVE VEGETATION GROWING ON ONE END; UNSERVICEABLE: NOT LISTED IN ASSOTW: AIRCRAFT NONE:	2215N Ø8337W	Ø587		16
LA COLOMA; LANDING STRIP  4 NM NW OF LA COLOMA;  APPROXIMATELY 2,200 X 50 FT SOD  RUNWAY OVERGROWN BY VEGETATION; POSSIBLY  SERVICEABLE FOR LIGHT AIRCRAFT; NOT  LISTED IN ASSOTW;  AIRCRAFT NONE;	2217N Ø8338W	Ø587		16A
PINAR DEL RIO AREA, MILITARY CAMP  1.9 NM NNE OF PINAR DEL RIO.  4 T-SHAPED PROBABLE BARRACKS, ONE QUADRANGLE BUILDING, SEVERAL ASSOCIATED SUPPORT BUILDINGS. SEVERAL POSSIBLE WEAPONS	2225N Ø834ØW	Ø587	FCDET	32E

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City, Installation	Coordinates	WAC	Installation	
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POSITIONS IN CAMP AREA. CAMP CONNECTED BY HARD-SURFACE ROAD WITH AIRFIELD 1 NM ENE OF PINAR DEL RIO. CONSIDERABLE U/I MATERIAL IN OPEN STORAGE. (DESCRIPTION FROM MISSION OBLIQUITY PRECLUDES  DETAILED ANALYSIS FROM  PINAR DEL RIO. 1 NM ENE OF PINAR DEL RIO. 3,500 X 100 FT ENE/WSW BLACKTOP RUNWAY, SERVICEABLE. FACILITIES INCLUDE ONE HANGAR WITH ASSOCIATED APRON, TWO PARKING APRONS, ONE WARMUP APRON, AND ONE ADMINISTRATION BUILDING. (DESCRIPTION FROM OBLIQUITY PRECLUDES DETAILED ANALYSIS FROM IN ASSOTW. AIRCRAFT NONE DISCERNIBLE.	2225N Ø8341W	Ø587		32
PINAR DEL RIO COMPLEX CENTERED IN PINAR DEL RIO PROVINCE AND COVERING APPROXIMATELY 4 SQUARE MILES. SCATTERED LIGHT INDUSTRY, POWER PLANT, RAIL CAR REPAIR SHOP, RAILROAD CLASSIFICATION YARDS. COMPLEX SERVED BY 5 MAIN ROADS, A RAIL LINE, AND AN AIRFIELD WITH SINGLE ASPHALT RUNWAY. MILITARY BARRACKS AREA. (DESCRIPTION FROM OBLIQUITY PRECLUDES DETAILED ANALYSIS FROM MISSION	·2225N Ø8343W	Ø587		321
LA FRANCIA, SUGAR MILL SW EDGE OF LA FRANCIA.	2231N Ø8313W	Ø587		19

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	City, Installation	Coordinates	WAC		n Numbers
25X1D 25X1D 25X1D 25X1D	ASSOCIATED BUILDINGS, 3 STORAGE TANKS, AND COOLING POND. RAIL SERVED. (DESCRIPTION FROM OBLIQUITY PRECLUDES DETAILED INTERPRETATION FROM			BE	NPIC
25X1D	LA FRANCIA AREA, AIRFIELD  1.5 NM NNE OF LA FRANCIA.  2,300 X 90 FT E/W SOD RUNWAY, 50 X 30 FT  GABLE—ROOFED AIRCRAFT SHELTER NEAR NE END OF RUNWAY. (DESCRIPTION FROM MISSION  OBLIQUITY PRECLUDES	2232N Ø8313W	Ø58 <b>7</b>		19
25X1D 25X1D	DETAILED ANALYSIS FROM NOT LISTED IN ASSOTW.  AIRCRAFT NONE VISIBLE.				
25X1D	SAN CRISTOBAL AREA, SUGAR MILL 2.5 NM SE OF SAN CRISTOBAL. ONE LARGE PROCESSING BUILDING AND 8 ASSOCIATED BUILDINGS. THREE STORAGE TANKS, ONE LARGE WAREHOUSE. RAIL SERVED.	2241N Ø83Ø1W	Ø58 <b>7</b>		41
	SAN CRISTOBAL, MICROWAVE STATION TOWER AND ASSOCIATED BLDG ON E SIDE OF TOWN.	2243N Ø83Ø2W	Ø587		41A
25X1D	SAN DIEGO DE NUNEZ AREA; MILITARY DEFENSES  1.1 NM NNE OF SAN DIEGO DE NUNEZ; 1,800 FT  SOUTHEAST OF ROUTE 1-43. 4 PROBABLE  UNOCCUPIED MEDIUM DP GUN REVETMENTS  AND 8 PROBABLE UNOCCUPIED AUTOMATIC  WEAPONS POSITIONS.	2255N Ø83Ø5W	Ø58 <b>7</b>		64
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City, Installation	Coordinates	WAC	ΒE	NPIC
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BAHIA HONDA, PORT FACILITIES  2.4 NM NW OF BAHIA HONDA. ONE LONG WHARF, 2 WAREHOUSES, AND ONE VERTICAL STORAGE TANK. RAIL SERVED. VESSELS NONE.	2255N Ø8311W	Ø587		3B
BAHIA HONDA AREA; SUGAR MILL 2 NM NW OF BAHIA HONDA. 2 LARGE BUILDINGS AND 3 SMALLER BUILDINGS; RAIL SERVED.	2255N Ø8312W	Ø58 <b>7</b>		3C
BAHIA HONDA COMPLEX RESIDENTIAL AND COMMERCIAL AREA COVERING ONE SQUARE MILE. NO UNUSUAL ACTIVITY.	2255N Ø8312W	Ø587		3
ALTURAS AIRFIELD  1.8 NM ESE OF PLAYA EL MORRILO; 6 NM WEST OF BAHIA HONDA. 3,300 X 150 FT NE/SW RUNWAY; UNSERVICEABLE (PROBABLE LOGS STREWN ON RUNWAY). LISTED IN ASSOTW; VOL 6, JUN 59. AIRCRAFT NONE.	2256N Ø8317W	Ø587		1
OROZCO: SUGAR MILL WEST EDGE OF OROZCO: ONE LARGE PROCESSING BUILDING WITH 6 SMALLER ASSOCIATED BUILDINGS: RAIL SERVED:	2258N Ø83Ø2W	Ø58 <b>7</b>		31
LA ZONA, PORT FACILITIES  EAST EDGE OF LA ZONA, SMALL WHARF,	2258N Ø83Ø8W	Ø587		51

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City, Installation	Coordinates	WAC	Installatio BE	n Numbers NPIC
ROAD SERVED. VESSELS NONE.			<u> </u>	N I C
LA ZONA AREA® FORT SAN FERNANDO  •5 NM NW OF LA ZONA• NO APPARENT ACTIVITY•	2258N Ø83Ø9W	Ø587		51A
LA CAOBA, PORT FACILITY U/C 2 NM NE OF LA CAOBA, DREDGING IN PROGRESS, VESSELS ONE DREDGE,	2258N Ø831ØW	Ø587		50
OROZCO; PORT FACILITIES  1.7 NM NORTHEAST OF OROZCO; ON WEST SHORE OF BAHIA OROZCO; VESSELS — ONE 440 FT CARGO SHIP AT PIER; ONE AND ONE 135 FT VESSEL DOCKED 2,100 FT SOUTH OF PIER;	2259N Ø83Ø1W	Ø587 <sub></sub>		31A
LA FE, PORT FACILITIES  WEST SIDE OF LA FE, 2 PIERS, SMALL OPENSTORAGE AREA, ROAD SERVED,  VESSELS 2 PROBABLE LIGHTERS, NUMEROUS SMALL CRAFT.	2202N 08416W	Ø587		18A
LA FE AREA; SEAPLANE STATION  1 NM N OF LA FE PORT AREA.  NO FACILITIES. LISTED IN ASSOTW;  VOL 6; JAN.1961.  AIRCRAFT NONE.	2202N 08416W	Ø587		188
CORTES, PORT FACILITIES  EAST SIDE OF CORTES, 3 SMALL PIERS AND ANCHORAGE, ROAD SERVED.	22Ø3N Ø84ØØW			7

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VESSELS NONE.				
SAN JULIAN AIRFIELD  5.5 NM ENE OF LA FE. 7,000 X 150 FT N/S BLACKTOP RUNWAY, 7,000 X 150 FT NE/SW BLACKTOP RUNWAY. OLD UNOCCUPIED TRENCHING AND EMPLACEMENTS IN AREA. LISTED IN ASSOTW, VOL 6, MAR 59. SEVEN BARRICADES HAVE BEEN PLACED ACROSS THE NE/SW RUNWAY SINCE BARRICADE HAS BEEN PLACED ACROSS THE SOUTH END OF THE N/S RUNWAY. 5,700 FT OF THE N/S RUNWAY IS STILL SERVICEABLE. AIRCRAFT — ONE DERELICT SEA FURY. DEFENSES — TRENCHWORKS ON SW SIDE OF HARDSTAND, MINOR TRENCHWORKS IN SUPPORT AREA. VEHICLES/EQUIPMENT — APPROX 25 VEHICLES AT ENTRANCE TO AIRFIELD.	2206N 08409W	Ø5 <b>87</b>		18
LAGUNA DEL ALGODONAL, LANDING STRIP  3.2 NM NE OF LAGUNA DEL ALGODONAL. 1,700 X  80 FT NE/SW NATURAL SURFACE RUNWAY,  SERVICEABLE. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	22Ø9N Ø8415W	Ø58 <b>7</b>		54A
LAGUNA DEL ALGODONAL, LANDING STRIP  2 NM NNE OF LAGUNA DEL ALGODONAL. 1,500 X  80 FT E/W SOD-DIRT RUNWAY, SERVICEABLE.  NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	2209N 08417W	Ø587		54
GUANE AREA, PROBABLE MILITARY TRAINING SITE APPROXIMATELY 6.5 NM NW OF GUANE.	2214N Ø8412W	Ø587		58B

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Installation Numbers

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City, Installation Coordinates TRAINING SITE COVERS APPROXIMATELY 20 TO 25 SQUARE MILES. 9 GROUPS OF BUILDINGS, 2 OR 3 BUILDINGS TO A GROUP. DEFENSES -- 2 REVETTED GUN POSITIONS, PROBABLY OCCUPIED, AT 22-14-05N 84-11-35Wa 2 REVETTED GUN POSITIONS, UNOCCUPIED, AT 22-15-00N 84-12-30W. TRENCHWORKS THROUGHOUT AREA. VEHICLES/EQUIPMENT -- 3 PROBABLE TRUCKS. LOS ARROYOS, PORT FACILITIES 2222N Ø8422W Ø587 22A NORTH SIDE OF LOS ARROYOS. 5 ROAD-SERVED PIERS. VESSELS -- 30 SMALL CRAFT IN HARBOR AND 9 SMALL CRAFT IN INLET .4 NM NE OF PIERS DAIQUIRI AREA, PORT FACILITIES 1955N Ø7539W Ø647 3A ONE NM SOUTH OF DAIQUIRI. ONE PIER AND SHORT LANDING BEACH. ROAD SERVED. VESSELS -- NONE. DAIQUIRI AREA, BEACH DEFENSES 1956N Ø7538W Ø647 3B TWO TRENCH SYSTEMS AT BASE OF KNOLL JUST SE OF DAIQUIRIA PORT FACILITIES. ONE TRENCH PROTECTS ROAD LEADING S ON E SIDE OF KNOLL. OTHER TRENCH PROTECTS ROAD ON N SIDE OF KNOLL. BOQUERON, POL STORAGE 1958N Ø75Ø9W Ø647 2 1 NM SE OF CAIMANERA. ONE LARGE POL TANKA RAIL AND ROAD SERVED.

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City, Installation	Coordinates	WAC		n Numbers
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ANTONIO MACEO AZDEJE: D	10E0N 07EE0N	04.7		
ANTONIO MACEO AIRFIELD  3.4 NM SSW OF SANTIAGO DE CUBA.  7.000 X 200 FT E/W BLACKTOP RUNWAY AND  4.900 X 150 FT N/S BLACKTOP RUNWAY, BOTH  SERVICEABLE. LISTED IN ASSOTW,	1958N Ø755ØW	Ø647		9
VOL 6, MAR 59. AIRCRAFT - ONE F-47, ONE CESSNA 310, 2 LIAISON-TYPE. DEFENSES - 3-GUN UNOCCUPIED POSITION	,			
AT WEST END OF E/W RUNWAY. TRENCHES AND 10 UNOCCUPIED GUN EMPLACEMENTS TO THE NORTH AND WEST OF NORTH END OF N/S RUNWAY.				
SANTIAGO AREA, MILITARY DEFENSES 6 NM SW OF SANTIAGO, OVERLOOKING HIGHWAY INTO CITY. THREE PROBABLY UNOCCUPIED ARTILLERY EMPLACEMENTS.	1958N Ø7557W	Ø647		26
BOQUERON AREA, PORT FACILITY  •2 NM SW OF BOQUERON. ONE PIER AND 4  WAREHOUSES, RAIL SERVED.  VESSELS NONE (HAZE PRECLUDES DETAILED  INTERPRETATION).	1959N Ø75Ø7W	Ø64 <b>7</b>		2A
CAIMANERA AREA; EL DESEO PORT FACILITY  1 NM SSE OF CAIMANERA.  ONE PIER; ONE LARGE WAREHOUSE; ONE LARGE STORAGE TANK (REVETTED); 3 VERTICAL STORAGE TANKS. RAIL SERVED.  VESSELS NONE.	1959N 07509W	Ø647		15
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Installation Numbers WAC City, Installation Coordinates ΒE 1959N Ø75Ø9W 15A CAIMANERA, PORT FACILITIES Ø647 EAST EDGE OF TOWN. ONE 420-FT PIER, NUMEROUS FINGER PIERS, AND ONE OFFSHORE BOATHOUSE . ROAD SERVED . SANTIAGO DE CUBA AREA, ANTIAIRCRAFT DEFENSES 1959N Ø7546W Ø647 24 3.3 NM SE OF SANTIAGO DE CUBA. 8 LIGHT AA POSITIONS CLUSTERED IN AN IRREGULAR PATTERN JUST SOUTH OF ROUTE 6-58. READING FROM NORTH TO SOUTH, THE POSITIONS ARE -- 3-GUN UNOCCUPIED LIGHT AA POSITION. -- 3-GUN UNOCCUPIED LIGHT AA POSITION WITH 2 SMALL ASSOCIATED BUILDINGS. -- 3-GUN UNOCCUPIED LIGHT AA SITE. -- 3-GUN UNOCCUPIED LIGHT AA SITE. -- 3-GUN UNOCCUPIED LIGHT AA SITE, WITH ADDITIONAL UNOCCUPIED REVETMENT EAST OF SITE. -- 3-GUN UNOCCUPIED LIGHT AA SITE WITH ONE ASSOCIATED BUILDING. -3-GUN LIGHT AA SITE, UNOCCUPIED. -- 3-GUN LIGHT AA SITE, UNOCCUPIED WITH ASSOCIATED L-SHAPED BUILDING. AN ADMINISTRATIVE AND CONTROL FACILITY FOR THE SITES CONTAINS 13 SMALL BUILDINGS. NUMEROUS UNOCCUPIED ARTILLERY-TYPE REVETMENTS SCATTERED THROUGHOUT AREA. SITES PROBABLY USED FOR TRAINING. APPROXIMATELY 25 AUTOMATIC WEAPONS POSITIONS ARE LOCATED IN AREA BETWEEN ARROYO NARRANJO AND COAST.

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City, Installation	Coordinates	WAC	Installatio	
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SANTIAGO DE CUBA AREA, MILITARY DEFENSES  9 NM SE OF SANTIAGO DE CUBA CEMENT PLANT. STRONGPOINT WITH TRENCHWORKS ON SLOPE OF HILL COMMANDING ROUTE 6-56. 8 AUTOMATIC WEAPONS POSITIONS, POSSIBLY OCCUPIED. 3 REVETMENTS APPROXIMATELY 500 YDS NE OF TRENCHES.	1959N Ø755ØW	Ø647		24A
GUAMA, POSSIBLE LANDING STRIP U/C NORTH EDGE OF GUAMA. 2,700 X 100 FT E/W STRIP BEING GRADED. NOT LISTED IN ASSOTW. AIRCRAFT NONE.	1956N Ø7648W	Ø647		2Ø
UVERO AREA; AIRFIELD U/C 1.4 NM EAST OF UVERO. 3,000 X 90 FT NE/SW RUNWAY; BEING GRADED. CONSTRUCTION EQUIPMENT AND SUPPORT BUILDINGS JUST WEST AND SOUTH OF RUNWAY. 11 PROBABLE HOUSING UNITS BEING CONSTRUCTED JUST NORTH OF RUNWAY. AIRFIELD NOT LISTED IN ASSOTW. AIRCRAFT NONE.	1957N Ø7635W	Ø6 <b>47</b>		21
PUERTO CHIVIRICO, PORT FACILITIES WEST SIDE OF PUERTO CHIVIRICO. THREE PIERS. THREE QUAYS UNDER CONSTRUCTION. ROAD SERVED. VESSELS 2 SMALL CRAFT.	1958N Ø7624W	Ø647		13
140	T	OP S	ECRET	CHES

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City, Installation	Coordinates	WAC		n Numbers
C.,,, mountains			BE	NPIC
BELIC AREA, AIRFIELD U/C  5.2 NM ESE OF BELIC.  RUNWAY WILL BE ORIENTED WNW/ESE.  CLEARED AREA, 3.100 X 450 FT.  NEW AREA UNDER CONSTRUCTION 0.2 NM TO THE SOUTH CONNECTED TO AIRFIELD BY ROAD.  AIRFIELD NOT LISTED IN ASSOTW.  (DESCRIPTION FROM OBLIQUITY PRECLUDES INTERPRETATION FROM AIRCRAFT NONE VISIBLE.	1955N Ø7733W	Ø647		1A
BELIC AREA, AIRFIELD  JUST SE OF BELIC.  4,600 X 150 FT NW/SE SOD RUNWAY,  SERVICEABLE. NOT LISTED IN ASSOTW.  AIRCRAFT NONE.	1957N Ø7739W	Ø647		1
CEIBABO AREA; LANDING STRIP  1.6 NM EAST OF CEIBABO.  AIRFIELD IN FINAL STAGES OF CONSTRUCTION.  2,350 X 100 FT E/W RUNWAY; SURFACE  PROBABLY OF CRUSHED STONE. NOT LISTED IN  ASSOTW. NEW ROAD UNDER CONSTRUCTION RUNS  NORTHWEST; PARALLEL TO NARROW-GAUGE  RAILWAY; TO CONNECT AIR STRIP WITH NIQUERO.  ROAD IS TWO OR MORE LANES; PROBABLY ALL  WEATHER; LOOSE SURFACE: (DESCRIPTION FROM  OBLIQUITY  PRECLUDES DETAILED INTERPRETATION FROM  AIRCRAFT NONE VISIBLE.	1959N Ø7731W	Ø647		18

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#### APPENDIX

#### EXPLANATION OF COLUMN HEADINGS

#### AND PHOTO REFERENCES

Column headings used in the listing are as follows (reading from left to right):

City, Installation -- This column contains the name of the city or town nearest the installation, followed by the name of the installation. If the name of the installation is not known, it is titled according to its function. The city and installation name is followed by a capsule description, where appropriate.

<u>Coordinates</u> -- Coordinates are given to the nearest minute. When the subject installation covers a wide area, coordinates are given for the approximate center of the installation.

 $\underline{WAC}$  -- This column provides the World Aeronautical Chart number for the area in which the subject installation lies.

Installation Numbers -- The Installation Numbers column is divided into two subcolumns. The first subcolumn lists, when known, the BE installation number assigned to the target. The second column lists the installation number assigned by NPIC. Installation numbers, when used to reference an item, should be prefixed by the appropriate WAC number, since installation numbers are repeated from WAC to WAC. For example, there is an NPIC target numbered 0586-1 and an NPIC target numbered 0585-1. In each instance, the NPIC installation is 1, but the installations appear on different WACs.

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A photo reference is provided for every item in the MCI, and appears as the last line of a given item. This line is best explained by using an example:

R/375, 380 -- L/376, 381 SC

R/375, 380 designates photographic frames from the right half of the split format which cover the target, while L/376, 381 designates frames from the left half of the split format which cover the target.

SC designates cloud conditions as they exist over the target. The code for cloud conditions is as follows:

C Clear

SC Scattered Clouds

HC Heavy Clouds

O Overcast

H Haze (includes smoke, blowing snow and dust)

CS Cloud Shadow (cloud shadows cast on ground reducing interpretability)

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